PERIODICAL

BUY U.S. SAVINGS BONDS

WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

DETROIT

"Nothing Equals A Silo"

THAT'S true when it comes to saving a poor corn crop. The statement comes from Earl Elijah, Cedar county, Iowa.

Farmers with silos which have been empty for the past few years are filling them again this fall. Lots of temporary silos are being built and filled, also.

For, when corn is short, you get all the feed in the corn plant by making silage. Lots of farmers are filling their silos with green corn, and are then cutting still more corn and putting it in the shock.

Later on, when the silos are empty, they'll refill them with this fodder. A lot of water is required to soak up the dry fodder and make silage of it. But it makes good feed. Such a practice makes poor, or immature, corn go considerably farther.

That's what we are after this year. We must stretch our corn crop. And that's why you have seen so many corn binders and field choppers in action on farms this fall.

This Corn **doesn't look any too good, does it? That is the reason Harold Rowe, a Dallas county, Iowa, farmer, is putting it into the silo. He's shown on the tractor, cutting corn for the silo-filling crew in action in the background.**

Alfalfa Saves Scarce Grain . . . Page 9

You Can't Sell Corn-Fed Rats . . Page 18

Mother's Diet Marks Baby . . . Page 38

OCTOBER 4, 1947

IOWA'S LEADING FARM NEWSPAPER

SEVENTEEN THOUSAND DOLLARS from 50 acres of single cross hybrid seed corn! That was one of the accomplishments last year of Champion Farmer John J. Gannon and his father, William P. Gannon, on their 785-acre farm near Valeria, Iowa. Hog sales totalled over 400 head. In a recent month, 16 purebred Guernsey cows, three of them dry, returned $504.78 over feed costs. Seventy head of purebred Aberdeen-Angus cows, and their calves, provide a profitable outlet for roughage. So does a flock of sheep. The Gannons bale 7000 bales of hay annually. Careful pasture management, manure and commercial fertilizers, and a soil conservation program keep the farm highly productive. For economy and efficiency in operating their farm equipment, Champion Farmer Gannon has found it pays to depend on Firestone tires. When he and his father buy new tractors, they specify Firestone Champion Ground Grips. In the photograph, Sheila Ann Gannon with her grandfather, William P. Gannon, and her father, Champion Farmer John J. Gannon.

For more information about Champion Farmer John J. Gannon, write to The Firestone Tire & Rubber Company, Akron, Ohio

Listen to the Voice of Firestone every Monday evening over NBC

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Champion Farmers Specify Firestone CHAMPION GROUND GRIPS

TO GET extra pulling power . . . longer tire life . . . and smoother riding, Champion Farmer John J. Gannon and his father specified Firestone Champion Ground Grips for their new tractor.

Tests show that Firestone Champion Ground Grips clean up to 100% more effectively, pull up to 62% more, last up to 91% longer, and roll smoother over highways than any other tractor tires . . . important facts to cost-conscious farmers.

Only Firestone Champion Ground Grips are made with connected curved traction bars. These bars clean with a plowlike action . . . giving the Champions more pulling power. Extra tread rubber in the bar connections gives them a "Center Bite" in the heart of the traction zone. This, too, means more pulling power. The extra rubber in the connected tread increases tire strength . . . lengthens tire life . . . money-saving points you can't overlook when you buy new tractor tires. So when you buy . . . buy the best . . . buy Firestone Champion Ground Grips.

Only **FIRESTONE CHAMPION Ground Grips take a "*CENTER BITE*"**

Oil Prices are Down!

Now—for a limited time only—prices are reduced on D-X and Diamond Motor and Tractor Oils, Lubricants, Greases and Farm Specialty Products. Included is the famous D-X Motor Oil—the *Top-Flite* crankcase oil for cars, trucks and tractors that is 7 WAYS BETTER!

These special sale prices are offered to farmers, tractor owners, fleet and truck operators, and oil dealers. Mid-Continent's Pool Car Oil Sale is an annual Fall event. Thousands and thousands of thrifty oil buyers wait for it every year and buy their future requirements at real money-saving prices. Place your order now...at sale prices!

Delivery Now or Next Spring

Delivery will be made to your door on any date or dates you specify until November 15. Or, orders may be placed now at guaranteed prices for delivery next Spring. No money required with order.

For Prices and Terms

See your D-X Farm Serviceman, phone your D-X Bulk Station, or write the nearest Mid-Continent office.

FARM D-X SERVICE

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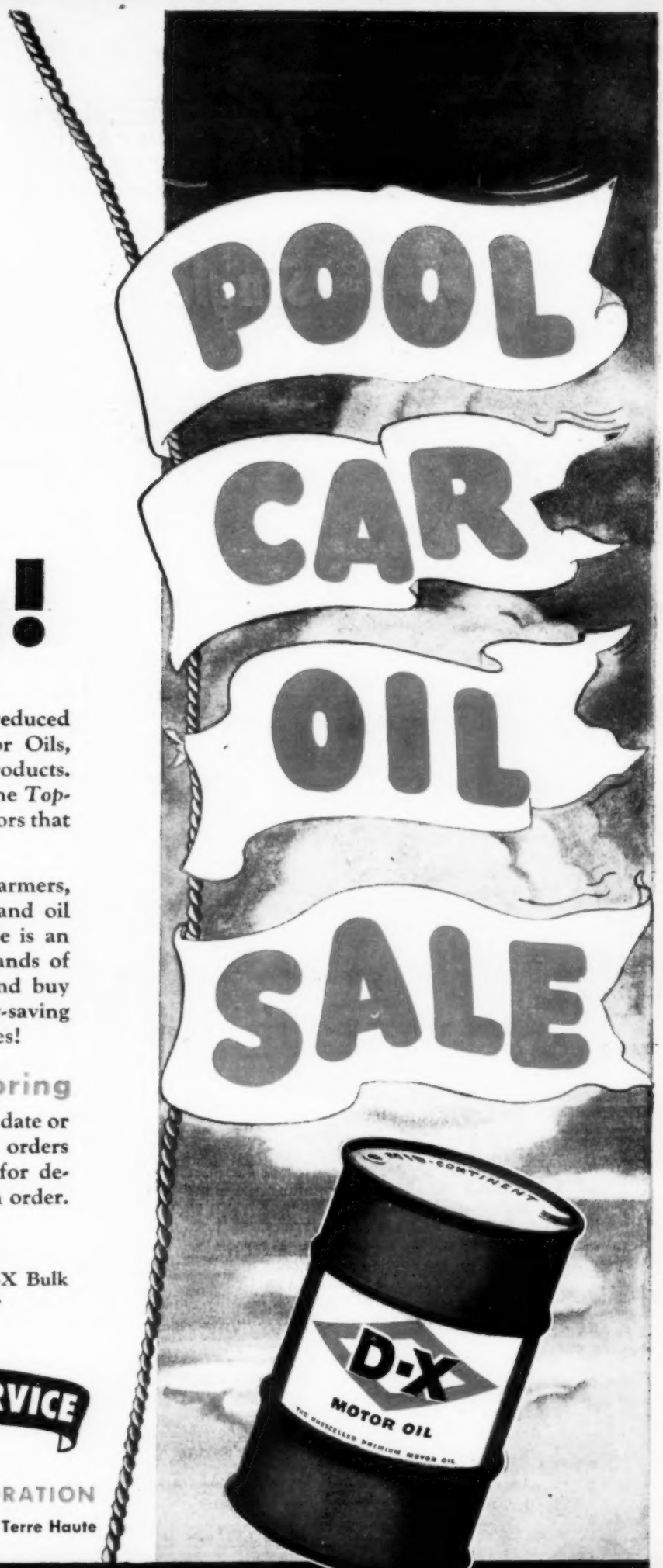

At Sale Prices

D-X MOTOR OIL - D-X HEAVY DUTY MOTOR OIL
D-X DIESEL MOTOR OIL - DIAMOND MOTOR OIL

Complete Lines of Lubricants

. . . for Chassis • Crankcase • Transmission • Differential • Hypoid Gears • Wheel Bearings
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You will get better corn stands—healthier plants—more corn per acre when you plant Crow's Film-Coated Seed. Thousands of farmers are proving this—right now—harvesting beautiful corn—with greater yields per acre than most farmers expected this year.

Crow's Film-Coating is the new treatment that protects seed corn when soil is cold and damp. It surrounds each kernel with a protective seal that defies soil fungi—insures vigorous, healthy germination when warm growing weather arrives.

Vern W. Coles of Cambridge, Iowa, says: "After the cold, wet spring we had this year—we didn't expect to raise a good crop, but I am glad to say that we are getting a beautiful stand and a profitable crop from Crow's Film-Coated Seed."

Arrange now to have Crow's Film-Coated Seed Corn on your farm next year. Crow's Hybrids include many numbers—Single and Double Crosses—with Crow's 607 Single Cross as the outstanding leader. Ask Crow's dealer in your community.

CROW'S HYBRID CORN COMPANY
Milford, Illinois

CROW'S Hybrid Corn Co., Dept. WF., Milford, Ill.
Send full information on CROW'S Film-Coated Seed Corn.

Name.....

Address.....

Stretchy Type Hogs were made truck-lot grand champions at the National Barrow Show, at Austin, Minn., September 15-19. The Poland Chinas weighed 194 pounds. Left to right are: Louis Ruess, Edward E. Forest and Kenneth Ruess, son of Louis Ruess. Ruess lives in Muscatine county, Iowa, and Forest lives in Linn county, Iowa, but the two men work together as breeders and exhibitors. They also had champion heavy truck-lot of barrows.

INSIDE STUFF

TOO MANY good men and women are now talking about what we'll do "when the war with Russia starts." And too calmly.

▲ ▲

WE MIGHT as well talk calmly about the day when we'll all cut our own throats. That's what World War III means.

▲ ▲

A LOT of hysterical talk is being built up against Russia and the Communists. That kind of hysteria may make it hard to work out reasonable settlements.

▲ ▲

DAVID LAWRENCE, in a recent U. S. News, points out that our actions may look as suspicious to Russia as their actions look to us. He says:

▲ ▲

"WE DEPLORE Russia's intervention in the Balkans, but do not consider our own intervention in Greece as violative of the basic principle of non-intervention.

▲ ▲

"WE ACCUSE Russia of trying to control the composition of Balkan governments and influence elections, yet we ourselves endeavored to influence the course of the Argentine people when Peron was a candidate."

▲ ▲

HAROLD STASSEN urges that we do not insist on abolition of the veto in the security council of the United Nations.

▲ ▲

IF THAT MOVE drives Russia out of the United Nations, the U. N., Stassen says, would be changed from "an organization for peace to an alliance for war."

GETTING ALONG with Russia is not an easy job. The Russians are suspicious, obstinate and uncooperative. But so are we sometimes. Diplomacy and horse-trading can still work out settlements.

▲ ▲

AT OUR PLACE, everything is being held up until my wife gets home to do it. She flew to New York the other day and got caught in a windstorm east of Chicago. She reports more excitement than she bargained for when she left.

▲ ▲

HER STOMACH stayed in place thru all the rough weather. That's more than mine does.

▲ ▲

HOW WONDERFUL it is to have a tooth stop aching! And how handy to have a dentist closer than the county-seat, twenty miles away.

▲ ▲

LIKE EVERYBODY else, I put off going to a doctor or dentist until the last minute. And when I finally go, I need attention in a hurry.

▲ ▲

LATELY, I've been asking farm people I see just how far it is to a doctor, a dentist or a hospital. Too many have much too far to go. And too long a wait when they get there.

▲ ▲

WE NEED many more good hospitals in country towns. And more doctors and dentists.

▲ ▲

YES, MY DENTIST pulled the tooth finally. I was never so glad to say good-bye to a part of my anatomy.

DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD

(Volume 72—Number 19)

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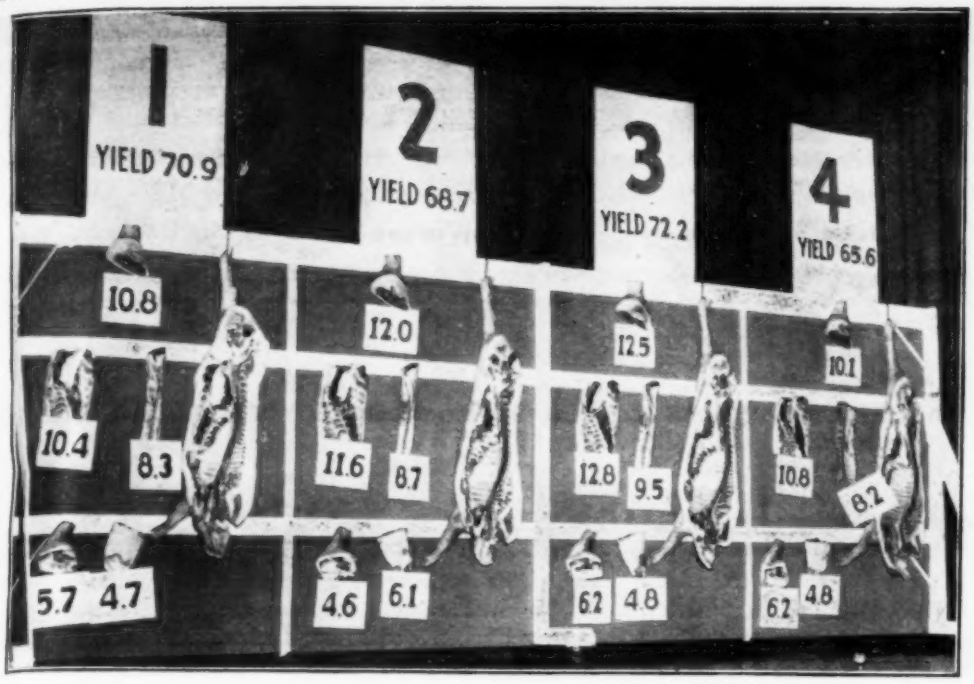


Meat Cuts from four hogs of different types are shown at the left. No. 1 hog was fat and chuffy; No. 2 was lengthy, but not too well shaped; No. 3 was a medium type hog properly finished; No. 4 was a leggy hog, underfinished. Figures at the top are dressing percentage. Figures attached to meat cuts are percentage of live weight. Hams are at the top, loins and bacon sides in the middle, and the shoulder cuts are at the bottom. More figures on the hogs can be found in the table at bottom of page. Cut-out demonstration was at the National Barrow Show, Austin, Minn.

Hog Type Means $$$

Test at National Barrow Show Indicates Medium Hog Worth $2.60 to $3.59 More Than Fat or Leggy Types

COULD the shape of a hog and the amount of fat he carries make one 215-pound hog worth $3.59 per cwt. more than another hog of the same age and weight?

"Yes" was the answer at the National Barrow Show, September 15-19, at Austin, Minn. The $3.59 difference on foot was found in the value of the meat and lard cuts that the hogs produce.

Four hogs were slaughtered to show what type and finish can do to meat cuts. Visitors saw the hogs on foot Monday and the same hogs on the hooks Wednesday.

A long, medium type hog (No. 3 in picture), with just the right amount of finish, was found to be worth $31.62 per cwt. on foot at current prices of meat and lard cuts. That was the best hog.

The hog showing lowest value was a tall, slim, underfinished hog (No. 4). He was valued at $28.03 per cwt., or $3.59 under the most desirable hog.

A short, fat hog (No.1) was priced at $29.02 on foot—$2.60 less than the best hog. Another lengthy hog (No. 2), lacking in conformation, was found to be worth $29.85 on foot—$1.77 per cwt. less than the desirable hog.

This difference in cut-out value of hogs made visitors ask several kinds of questions. At times there was some argument.

Most frequent questions were: (1) Why aren't hogs bought more on cut-out values as shown in the demonstration? (2) What kind of breeding and feeding makes the high-value hogs?

While waiting their turn, a group of truck-lot exhibitors talked about carcass grading as a method of selling. Packers call it "rail grading."

"I got $1 per cwt. more than the market price for hogs once by selling on carcass grade," said Andrew Steene, Mower county, Minnesota, hog raiser and exhibitor.

These were very good hogs, of course, and were sold before the war. At prices then, the $1 per cwt. premium was as much as the $3.59 extra value shown for the best hog at the cut-out demonstration.

"Rail grading" of hogs was an optional method of selling at the Hormel Packing Company plant, in Austin, for a period before the war. It was discontinued when the war market came on, and has not been pressed since war-time regulations ended.

Steene agreed, however, that not every farmer who sold hogs on carcass grade got $1 more than the live hog market. Some even got less. The hog raiser got what his hogs were worth as meat and lard.

Talk among barrow show visitors was that some improvement will have to be made in grading and pricing hogs. Unless good hogs bring more and poor hogs get the dock coming to them, not much progress will be made toward new hog types.

A newspaper man who had followed hog shows for years expressed a practical view that is acted on by hog raisers:

"As long as the man with fat, lardy hogs gets about the same price as one with meaty hogs, farmers will produce lardy hogs—and I'd do it, too."

But what made one 215-pound hog worth $3.59 more than an underfinished hog and $2.60 more than an overfinished hog? The detailed answer is in the table on this page, but here are the main points. Hogs Nos. 3, 4 and 1 represent the types.

The No. 3 hog, whose cuts indicated a $31.62 value, dressed 72.2 per cent. This compares with 65.6 for the thin hog (4) and 70.9 for the fat, chuffy hog (1).

The medium hog, with a $31.62 value on foot, had 33 per cent of live weight in the lean meat cuts. The slim hog had 29.3 per cent lean meat cuts and the fat hog 29.5 per cent.

In total meat cuts, including bacon, the high value hog had 45.8 per cent of live weight in meat cuts. The slim hog had 40.1 per cent meat, and the fat hog 39.9 per cent.

In cuts that will make only lard, the $31.62 hog had 16.8 per cent, the slim hog 16 per cent, and the fat hog went up to 21.3 per cent.

How would a hog raiser get hogs that produce almost 10 per cent more value in meat cuts if the market should begin to pay for good hogs? Some farmers think a plentiful supply of hogs will bring bigger margins between lardy and meaty hogs.

Breeding and selection is one thing, of course. The cut-out demonstration indicated that the long-bodied hog yields the best meat cuts. The high yielding hog had the longest carcass, 29.8 inches. The fat hog was only 26.8 inches long.

Knowing how to feed and when to sell are important, too. Both overfinishing and underfinishing are bad when hogs are sold strictly on the value of meat cuts. Medium type hogs sold when moderately fat make the best meat cuts.

Barrow show judges did a good job of following demonstration results in awarding prizes. Both champion and reserve champion truck-loads were light-weights. Lights were limited to 190 to 220 pounds; heavies, 220 to 270.

In the truck-load show, both the heavy and light-weight championships went to hogs from the farms of two hog raisers who work together in breeding and exhibiting hogs.

Edward E. Forest & Sons, Linn county, Iowa, and Louis Ruess & Sons, Muscatine county, Iowa, produced and showed the winners in both weight brackets.

Grand champion truckload was made up of 194-pound Poland barrows from the Forest farm. Even at this weight they had finish enough to make good meat cuts. Their strong point, said the judges, was the fact that they had enough finish as they were, but could be fed to 40 pounds heavier without becoming overfinished.

The judges passed over the prize-winning heavy load of Polands shown by Forest and Ruess to give reserve championship for truck-loads to another light load of hogs shown by Oscar W. Anderson, La Salle county, Illinois.

Grand champion barrow was a light-weight shown by E. L. Littleton, Christiansburg, Ohio. Carnegie FFA, of Oklahoma, had reserve, also a light-weight.

Meat Cuts and Values From Three Hog Types

	Med. Hog (3)	Fat Hog (1)	Thin Hog (4)
Dressing pct.*	72.2	70.9	65.6
Lean meat cuts*	33.0	29.5	29.3
All meat cuts*	45.8	39.9	40.1
Lard cuts*	16.8	21.3	16.0
Value per cwt.	$31.62	$29.02	$28.03
Carcass length	29.8"	26.8"	29.5"
Fat thickness (on back)	1.5"	2.4"	1.25"

*Per cent of live weight.

Editorials

Don't Expect Too Much From Exports

DO NOT overestimate the amount of food we'll ship to Europe next year. Just because the needs of Europe are so great, and because there is talk of billions in loans, we sometimes act as if exports were going to rise.

That isn't true. Every estimate indicates that exports of farm products will be less in 1948 than in 1947.

Europe will have fewer dollars and will buy less food.

We'll lend less money for food buying.

Exports of cheese, dried milk, dried eggs and other expensive products will shrink. Wheat exports may hold up.

That decline in food exports won't hurt prices in this country so long as pay rolls are good. If we should hit a slump in pay rolls at the same time that exports shrink, we could be in trouble in a hurry.

Disease Wastes Costly Feed, Too

IF YOUR death loss on pigs runs to 6 per cent of the total, you're using 18 per cent more feed to produce a hundred pounds of pork than if you had a 1 per cent loss.

This is what Illinois farm economics people found out in a study of farm management service farms in that state.

The point is that if you have a high death loss, you also probably have a disease loss which slows down growth in pigs even if it doesn't kill them.

These good farms, over a three-year period, averaged a 2.2 per cent death loss.

The report states: "Most of the death and disease loss among hogs is attributed directly or indirectly to lack of effective sanitation."

If you want to save feed, clean up the hog houses.

We Sent One Per Cent Overseas

HAVE you heard anybody declare: "We should stop shipping meat to Europe. Then the price of pork and beef would soon go down."

In the first six months of 1947, 1.6 per cent of our total production of beef and veal went overseas. Just 1 per cent of the pork was exported.

How much difference would it make to the domestic market if no meat had been shipped?

Don't Let Farmer Hold Bag Again

SENATOR AIKEN, of Vermont, is one legislator who is not being fooled by the present shortages. The long-time farm problem, he says, is one of surplus production "when the world gets back on its feet.

"We want adequate production without penalizing the producer," he added. "In the past, a surplus brought a collapse in the market and left the farmer holding the bag."

If You Don't Like Babies To Starve

IF IT worries you to think about hungry children in Europe (they will be cold next winter, too), you can get some personal relief by sending a check for $10 to CARE (Cooperative for American Remittances to Europe), 189 Madison avenue, Chicago.

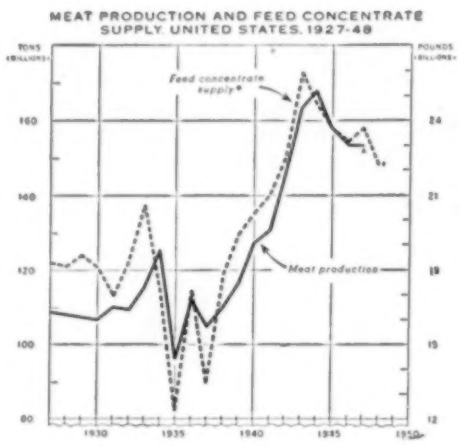
If you're interested in babies, for $10 CARE will send packaged food, diapers, soap, etc., to take care of the major needs of a six-month-old baby. The package will keep the baby going—on most things—for from one to two months.

If you want to help some of the folks who are trying to work on rations about one-third of what you're eating, $10 will send a package of food that will bring the ration up to American levels for a month or more.

If you know somebody in Europe, give CARE the address. If you don't, just say: "Send this money to any hungry person in Britain—or France, or Belgium, or Germany, or Norway, or Denmark."

Individual gifts like these won't begin to take care of Europe's needs. But they do some good, and they certainly make the giver feel less guilty when he sits down to a good meal.

We Always Stretch Feed



If you want a picture of how meat production has jumped since the war started, look at the chart above (by the Bureau of Agricultural Economics). We've eaten most of that meat ourselves. Exports have not amounted to much.

Notice, too, that altho feed concentrate supplies (grains, mill-feed, protein feeds, etc.) run alongside meat production, there are periods when the two lines fail to match.

After the drouth periods, meat production isn't cut as much as you'd expect. Farmers feed grain more carefully, and use hay and pasture.

Meat production next year may not fall off nearly as much as some folks think. After all, grain supply per unit of livestock is still up to the 10-year average. And we have more hay than usual.

La Guardia Worked For Farm Bills

FIORELLO La Guardia, who died last month, was a good mayor of New York. He was also, as not many farmers know, a very good friend of agriculture.

Back in the McNary-Haugen days, a group of New York City congressmen, led by La Guardia, always voted for farm bills. And, in the early New Deal, altho La Guardia was out of congress, his influence helped bring votes of city labor congressmen to put over farm bills.

We forget now how close some of those votes were. It took all the influence of President Roosevelt, Henry Wallace and the progressive farm groups to get major farm bills across. Sometimes they would have failed if La Guardia and labor had not come to the rescue.

Agriculture will need friends like that when the next crisis comes. Farmers will miss La Guardia.

How To Hurt Lard, Wheat And Cotton

IF YOU want to damage prices of lard, wheat, cotton or any crop that is sold abroad, here's one prescription: Get a high tariff on wool.

Wool is a minor crop. It means a lot to wool growers and very little to the nation. But a boost in tariffs on wool will make it difficult for international trade to get started again.

Our problem in selling goods abroad is to find goods that we will accept to pay for them. We sell now twice as much as we buy.

That can't go on.

But why should we admit Australian and New Zealand wool at low rates and ruin our wool growers? We shouldn't. But we can protect wool growers and avoid high tariffs, too.

Direct payments to wool growers of a subsidy equivalent to the tariff would cost the nation about two-thirds as much as the tariff.

Both are subsidies. If you put a high tariff on wool, it comes out of the pockets of everybody. If you put a subsidy on wool, it comes out of the pockets of every tax-payer.

But the total expense, in the case of a direct subsidy, is a lot less. And a direct subsidy doesn't block international trade.

How To Shout Down Food Prices

IF ANYBODY wants to start a campaign to shout down food prices, this is a good month to do it. Particularly with pork and beef prices.

Beef and hog shipments always increase from October to November. Prices always go down.

Next month, then, those who are using anti-trust suits and oratory to bring down beef and pork prices can point to a great victory.

As always, beef and pork will be lower next month than now. Of course, they would have gone down anyway, if nobody had said a word.

No Surplus Of Young Iowa Farmers

IOWA farms now send a surplus of young men to town. But they may not be doing it after 1950.

George W. Hill, professor of rural sociology at the University of Wisconsin, has used the census figures on birth rates to make an estimate about 1950.

The working group on Iowa farms is made up of men between 20 and 60 years. Every year, men leave this group because of death or because they pass 60 years of age.

Now, in the old days, there were a good many more young men coming into this age group (20 to 60 years) than there were leaving it.

But, by 1950, at present birth rates, all Iowa farms will only have 1,435 more young men coming into this group than there are men leaving the group.

These extra young men will all come from southern Iowa. Northern Iowa will not have enough young men to replace the older ones who leave.

That's the way the Iowa birth rate figures look, according to Professor Hill.

There still is a surplus farm population in some states. But not in Iowa any more.

Women Versus Men On Saving

SOME husbands claim their wives are the family spendthrifts, but that isn't the way we heard it. A Minnesota farm survey shows that women are a good deal more concerned with building up savings than are men.

Men think something will turn up. Women aren't so sure. They prefer a sock full of cash, or a bond in the bank.

Women worry more about a price drop, too, and about coming depressions. They feel a coming depression in their bones.

Ask your wife whether she'd rather have another 40 acres or a handful of bonds in the bank. Then take her advice.

Odds *and* Ends

FEED hay to anything that will eat it. Hay supply per animal on farms is the largest on record.

HOGS and chickens get more good out of alfalfa than most folks realize. Give them a chance at it.

TWO billion eggs spoil or are broken each year on the way from producer to consumer. There's a lot of food wasted that we could use now.

NEARLY 60 per cent of the dried whole milk manufactured in the first half of 1947, and 17 per cent of the non-fat dry milk solids (dry skim-milk), were sent abroad. Nearly 27 per cent of the condensed milk went overseas, too.

THESE products will be hit the hardest if exports shrink. Dried eggs, lard and cheese will feel it, too.

PEOPLE are buying less in department stores than a year ago. Dollar volume is up, but actual volume of commodities sold is down.

SMALL cotton farms are in trouble. One-tenth of the cotton farms grow two-fifths of the crop, according to the 1945 census. And less than 5 per cent of the cotton farmers own two-thirds of the tractors used in cotton farming.

THERE will be lots more dry corn this fall than most of us guessed a month ago. But we'll need to feed it with care and make it go far.

MORE protein feed is available than a year ago. This is good news for feeders, but not so good for farmers who sell soybeans.

"HAVING a low sense of morality until his years beget in him a fear of hell, the farmer takes no thought for the welfare of any member of any other class." So an Indianapolis paper screamed in 1919, as reported by Iowa State College historians. Hogs were over $20 then, too. But a year later, they had dropped below $10.

ONLY half of the nitrogen used on Illinois farms thru 1942-46 was put back thru fertilizer and legumes. Only half of the loss in phosphorus was replaced, and only one-thirtieth the loss in potassium.

THAT'S what the Illinois College of Agriculture reports. Some of the firing in August was the result of low nitrogen content of the soil and lack of organic matter, as well as hot and dry weather.

MORE poultry is in storage this fall than usual. That's one thing that is keeping poultry prices below prices of other meat.

"ALL Americans are really descendants of displaced persons of another generation," declared President Truman, in discussing the proposal to let some of the European homeless into the United States.

FAT and oil imports are running 50 per cent above a year ago. That's an argument for selling soybeans fairly early. But with fats and oils, as with other products, it's hard to guess prices until we know what congress will do on the Marshall plan.

PICK out only your best sows and gilts for spring litters. And plan to keep only as many as you're sure you can feed.

ANYBODY who knows what the 1948 corn crop will be like won't have any trouble in deciding how many pigs to raise next spring. The rest of us may have to do a lot of figuring.

EARLY pullets are making money now. But pullets that don't start laying until after the first of the year may find a market not quite so good.

MORE molasses for livestock feed may be available next winter. Last summer, a bushel of corn was worth 10 gallons of molasses. On the 20-year average, a bushel would only buy eight gallons.

THERE are more power washing machines on Iowa farms than there are kitchen sinks with drains attached. You can pick up the washing machine and move it on March 1. But tenants and landlords can work out agreements on fixed improvements, too.

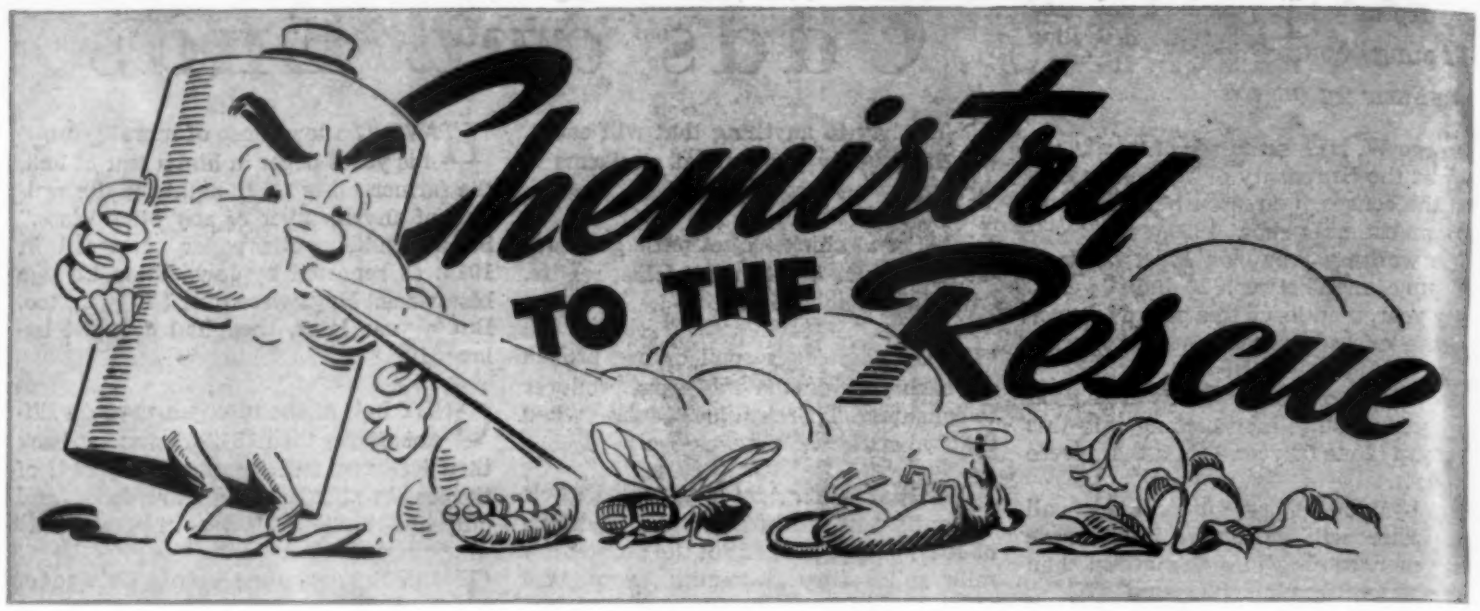
SOUTHERN farmers need bigger, more productive farms. They average one-half as much land as the U. S. average; one-third as much farm machinery. Under these handicaps, they do well to produce 60 per cent as much as the national average.

Song of the Lazy Farmer

MIRANDY don't know what to say 'cause I've been out here half the day a-diggin' spuds to beat the band, she claims she can not understand why

of my own free will I'd work when 'most the time I try to shirk. She watched me dig and stoop and pick and then decided I was sick; now that ain't being fair at all, she knows that ev'ry single fall I'm always fitten to be tied 'til I get new potatoes, fried. A job like this no one could mind who's ever sat him down and dined upon spuds fresh out of the ground, they are the best food I have found.

Besides, if I weren't out here now, I'd prob'ly have to ride a plow or listen to Mirandy's digs 'bout pickin' corn to feed the pigs. There's lots of jobs this time of year that she would make me do, I fear, unless I beat her to the gun, and figured out an easy one. By workin' without being told, I don't give her a chance to scold, it fills her with tremendous awe and she has no excuse to jaw; and so the hired man and she will get the plowing done, by gee, while I lean on my spade and smoke, and chuckle at my little joke.



New Chemicals Help Lick Weeds, Rodents, Insects and Parasites

HAD you stopped to think that in a few years a spraying machine and a dusting machine might be standard equipment on corn belt farms? As common as a cultivator? They may be just as important here as on vegetable farms or in fruit orchards.

Such equipment won't end your battle against weeds, insects, disease, parasites and rodents. That battle isn't over—and probably will never end.

The annual loss to our farmers from rats, weeds, flies, other insect pests, disease and animal parasites runs into billions of dollars.

Scientists have come to the aid of farmers in recent years. New chemicals are your valuable allies. Spurred on by wartime research, there are several developments of untold value to farmers.

Most familiar to you probably is DDT. If you've used it, you know its effect on flies. Like E. J. Hartvigsen, Jones county, Iowa, you're probably saying: "I wouldn't be without it."

Anything that will increase summer milk production as much as 20 per cent, or put 50 pounds more gain on a steer in a summer, is valuable. That's one place where you might use your sprayer for applying DDT to buildings and livestock.

DDT helps you fight other insects, too. Ticks, lice, bedbugs, mosquitoes, the European corn borer, parasitic bugs that feed on alfalfa seed fields, all are licked by DDT. If you live in an area heavily infested with corn borers, you may buy a spraying or dusting machine sooner than you think.

State and federal entomologists say DDT can help raise good corn even in years of heavy borer infestation.

Weeds rank high on the list of farm enemies. There another new chemical is coming to the rescue. It is called 2, 4-D. Many people have it mixed up with DDT, but it is entirely different.

This weed killer, 2, 4-D, is especially valuable because it is selective in action. That is, if you spray with the right concentration you can kill certain plants and others will be unharmed.

That's a big advantage when you start thinking about getting rid of the mustard in your oats, or the smart-weed in your corn field—you remember a spot where it was too wet to cultivate and the smartweed got about four feet tall.

Well, there's another reason why the sprayer may become standard equipment on your farm.

We have had chlorates and other weed killers, too. They are fine to kill weeds or vines that are too tough for 2, 4-D. But they kill grass and everything else in the weedy areas.

We've seen only the beginning. Other chemical weed killers, insecticides and bacteriacides, even more useful, are just around the corner.

Take IPC, for example. The Department of Agriculture has not released much information on this one yet. But it has given good results on quack grass, one place where 2, 4-D doesn't work.

Weeds and insects are not your only problems, of course. You don't need a sprayer or a duster to give penicillin or phenothiazine to a cow, or sodium fluoride to a hog. If you think research in chemistry has not been valuable, check on phenothiazine.

It is more widely used than any other drug in remedies for livestock and in worm expellers. Research for it supposedly cost only a few thousand dollars. It is estimated that farmers get back each year $10,000,000 in the form of more rapid and efficient livestock gains.

New vaccines and serums will not be used with a pressure duster or a sprayer, either. But your veterinarian has laboratories, vaccines, medicines and serums at his disposal today which would have made the old-fashioned horse doctor green with envy.

We still have a long way to go in livestock disease control. Some better medicine may be just around the corner. Some oil company research chemist, looking for a way to make better synthetic rubber, may find a livestock medicine.

We know that there are such things as growth and production stimulating hormones now. We just have to learn how to best use them to make bigger hogs faster.

Of course, after you raise a good crop, there are rodents waiting for a chance to steal it. Rats cost an average of $10 a year for every farm in this country, according to estimates of the Fish and Wildlife Service. One rat eats about 50 pounds of grain in a year, will waste 50 to 100 pounds more.

Farmers have had red squill with which to fight these pests. It is valuable because it is not poisonous to anything but rats. But red squill has a bitter taste which the rats don't like.

Other valuable rat poisons — such as barium carbonate and white arsenic—have also been available. But now the deadly ANTU has been introduced. It was a war-time development.

ANTU is poisonous to other animals than rats. But rats don't have to eat very much of it. If they happen to walk thru it and then lick it off their feet, they are doomed.

Other poisons, even more deadly, are available for use by professional rat exterminators.

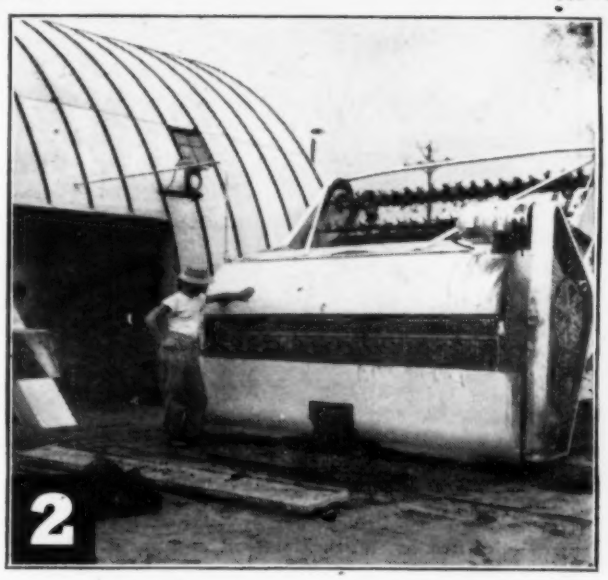
Harold Gunderson, Iowa State extension entomologist, says if you occasionally see a rat around your place at night, the population is from 100 to 500 rats. You are picking up their meal ticket to the tune of $2 per rat each year. Scientists knew how to save you money when they started to work on discovering poisons to kill rats.

Other scientists are working on a different type of chemical problem. They are looking for the remedies that will keep crops from becoming sick. Doctors Nitrogen, Limestone, Phosphorus and Potash are probably old friends of yours.

Some folks think these doctors could boost crop yields still higher on many of our farms if they had the help of specialists. Minerals such as sulphur, manganese, boron and a host of others. They think also that some livestock troubles may be traced to grains and hay grown on wornout soil or soil which is low in some element.

The war-time emphasis on national nutrition has speeded up study in that field. Some day you may want that sprayer to put a dilute solution of some of these trace elements on eroded patches on your farm.

Of course, you know the members of the vitamin family, too. Chemists are hunting for still more vitamins. The one most important to livestock raisers may not yet be identified.



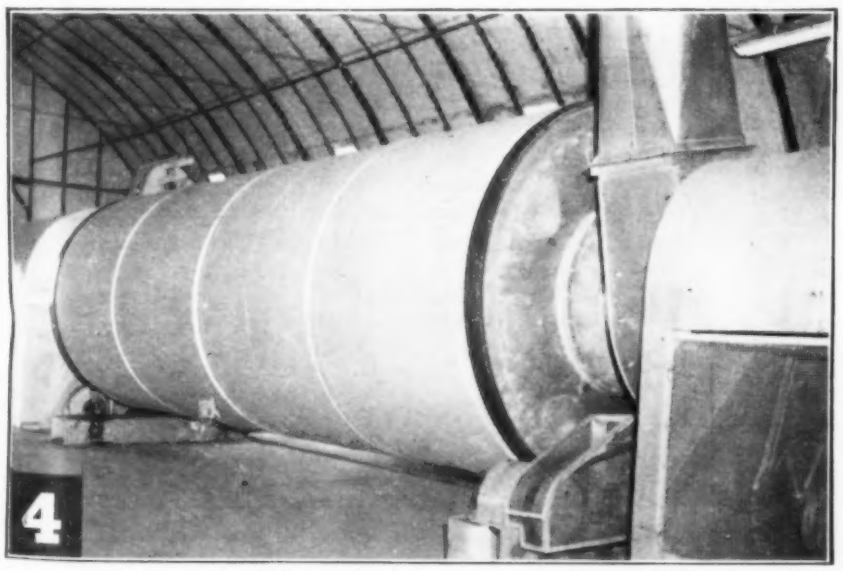
Alfalfa To Save Scarce Grain

Alfalfa meal will play a big part in stretching scarce feed grain this winter. It will save scarce corn, particularly, in sow and pig rations.

Pictures on this page show how alfalfa is converted into high-protein meal on the farm of Clifford S. Green, Grundy county, Iowa. He is shown (3) with his assistant, Gene Rottler.

Green wanted to expand without buying more land. So he decided to process his own raw materials, and built a big alfalfa dehydrating plant.

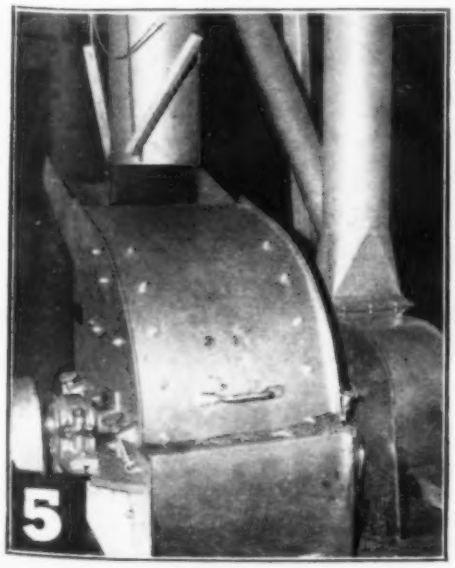
In order to kill weeds and build up war-drained fertility on his 400-acre farm, Green plans on 230 acres of alfalfa next year, more later on.

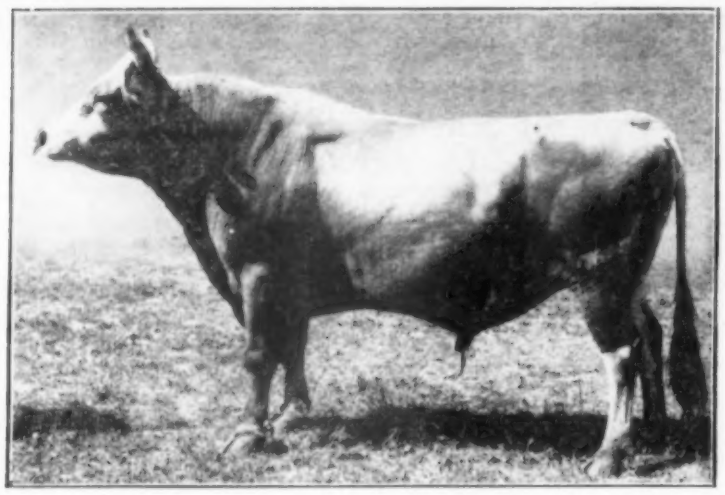


First Step is to field chop the standing alfalfa as Harold Stevens (1) is doing here. In order to secure highest possible protein content, alfalfa must be cut in the early bloom stage. From the field, dump trucks haul alfalfa to big automatic feeder that takes it into drying drum. Bob Gier (2) watches feeder.

Oil-Heated revolving drum (4) dries alfalfa in a blast of hot air. Air blast carries dry alfalfa thru the coolers and into the hammermills. This method of handling the alfalfa saves all of the feed value because very few valuable leaves are lost.

Hammermills (5) grind the dried alfalfa into meal, blow the meal to the sifter, and then it comes down thru the bagger, where Jay Kell (6) is sacking it. Foreman Lyle Stover (7) checks the gravity separator, which removes rocks and other foreign material before alfalfa goes into the mill.





Royal Standard Design, Jersey winner, bred in Missouri. Is now owned by W. S. Morrison & Son, in Johnson county, Iowa.

Sir Bess Skylark Ormsby Fobes has been important in improving the herd of G. F. Walters & Son, Black Hawk county, Iowa.

Wallaces' Farmer and Iowa Homestead

Gives Awards To Best Dairy Bulls

AGAIN this year, one of the features of the Dairy Cattle Congress, in Waterloo, Iowa, was the presentation of the annual awards to the top 10 per cent of the living Meritorious Proved Dairy Sires in Iowa.

Sixty-one sires were proved this year. Owners of the six winning bulls pictured here received a trophy honoring the man in whose herd the bull was bred, the man or men who proved the sire, and the present owner.

For 17 years now, Wallaces' Farmer and Iowa Homestead has sponsored this contest in an effort to get dairymen to keep their bulls until they are proved.

The dairy extension department at Iowa State College tabulates the scores of all bulls that have been proved.

The top bulls are those whose daughters show most significant increases in production as compared with dams of the daughters. Five daughter-dam comparisons are necessary in order to officially prove a bull.

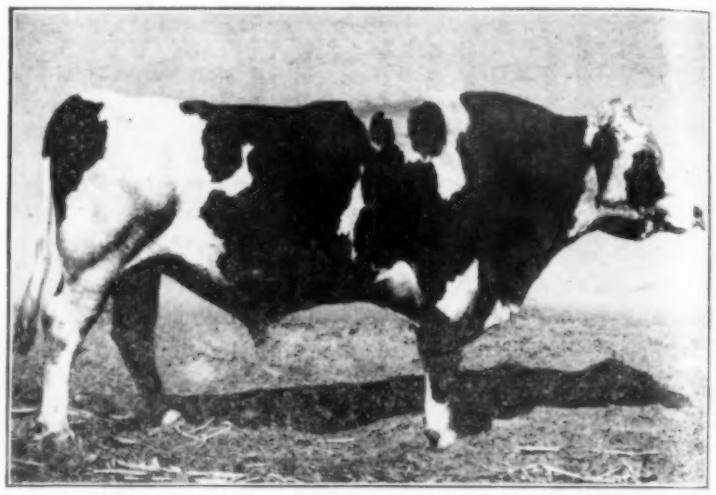
Dairy Herd Improvement Association records are used. In addition, some of these bulls have other Advanced Registry daughters with outstanding production records. The six sires have a total of 44 daughter-dam comparisons. Average production of all 44 of the dams was 408 pounds of butterfat, while the daughters of these bulls averaged 487 pounds of butterfat.

G. F. Walters & Son, of Black Hawk county, Iowa, figure prominently in this year's contest, for they bred two of the winning Holsteins. They bred the winning bull they now own, as well as the winning bull now owned by Maytag Farms. One of the winners is a son, the other a double grandson of Sir Bess Ormsby Fobes 73d.

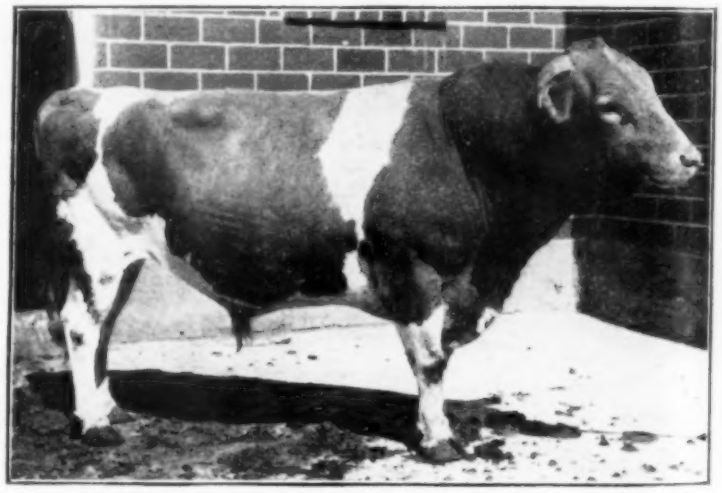
It takes a long time to prove a dairy sire. Youngest of this year's winners is the Jersey sire, who is six years old. The Walters bull is the oldest at almost 13 years. Average age of the six sires is almost nine years.

That's a long time to keep a dairy bull. It demands a certain amount of special equipment to handle some of the cranky older bulls.

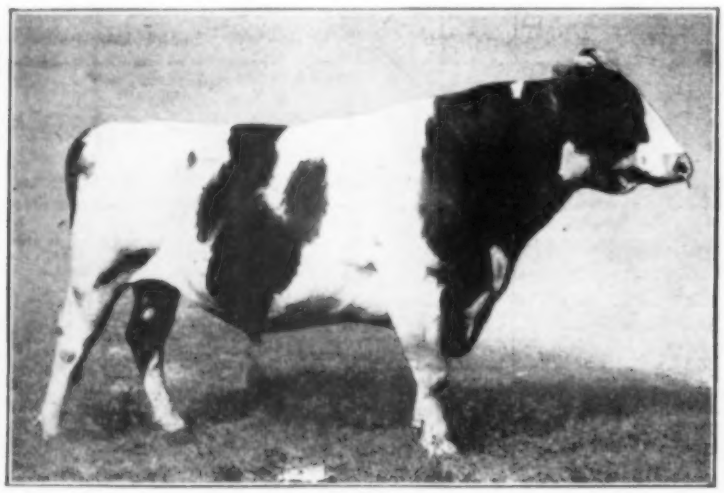
But a glance at the production records of daughters of these sires shows how important it is to keep dairy bulls long enough to find out which ones are best. Not all the proved sires boost production like these winners.



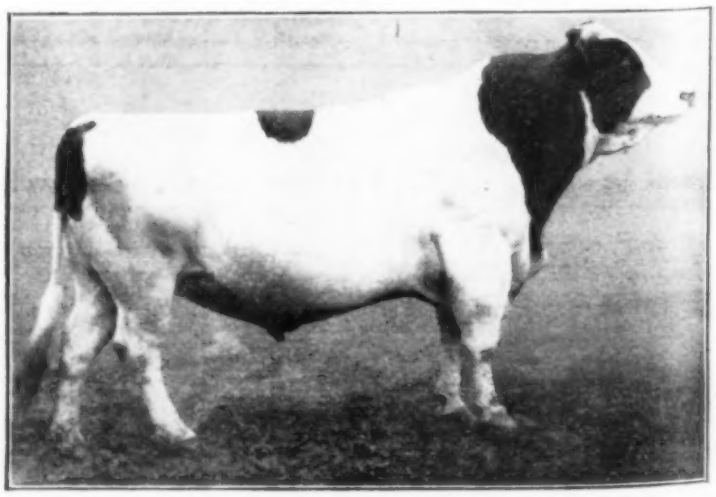
Oakdale Fobes Mercedes Dictator, another top Holstein bull, is now owned by C. M. Fountain & Son, in Johnson county, Iowa.



Old Farmstead Leader, only Guernsey winner, is owned by Will Oelrich & Son, dairymen, in Fayette county, Iowa.



Lauxmont Admiral Combine takes an award to the Eastern Iowa Artificial Breeding Association, at Cedar Rapids, Iowa.



Sir Bess Ormsby Dean is only one of the many good Holsteins at the Maytag Dairy Farms, Inc., in Jasper county, Iowa.

FOUND

– sensational new washday miracle!

IT'S TIDE... Procter & Gamble's amazing discovery!

Out of the vast new knowledge gained in wartime research has come this new washday wonder. Tide does *what's never been done before*—washes clothes cleaner than any soap, yet leaves colors brighter! Tide is completely NEW and different . . . even the suds *look* and *feel* different! They billow up instantly even in *hardest* water! Only Tide can make all these promises:

1. Washes clothes cleaner!

Yes, cleaner than any soap! No matter what soap you may be using now, Tide gets everything *cleaner*—even greasy overalls! Tide not only leaves clothes free from ordinary dirt, but *actually* removes dingy soap film as well!

2. Actually brightens colors!

Tide leaves *no film* to dull colors. What's more, Tide removes soap film left by former washings—that's why color brightness perks up like magic after a Tide wash! Tide is really *safe* for dainty washable colors.

3. Never "yellows" white clothes!

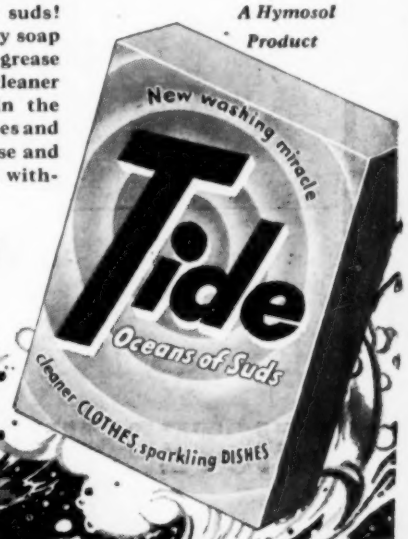
Tide keeps shirts, sheets, pillowcases gleaming white, week after week. Tide *can't* turn them yellow, no matter how often they're washed or how long they're stored!

4. Gives more suds—

Prove it in your dishpan!

Kind-to-hands suds! Faster suds! Longer-lasting suds than any soap in *hardest* water! Tide cuts grease like magic . . . washes dishes cleaner than any soap! No scum in the water! No cloudy film on dishes and glasses! That's why they rinse and dry so *sparkling clear*—even without wiping!

A Hymosol Product



EXTRA miracles in hard water!

Yes, if you have hard water, Tide is a dream come true! Tide's performance in hard water is so amazing, you have to *see* it to believe it! Oceans of rich, long-lasting suds billow up instantly—even in *hardest* water. No water softener needed—*Tide does it all!*

TIDE'S IN—
DIRT'S OUT!

TIDE IS A WONDER FOR CLEANING MILKING UTENSILS, TOO! QUICK! EASY! NO SCUM OR MILKSTONE!

The 187 HYBRIDS
123 164 260 280 345 360 380 456 789 1897 4897 5897

produced for your Corn Belt Farm

Grown and processed under my personal supervision from inbreds and foundation seed developed by me.

Lester Pfister

PFISTER HYBRID CORN CO.
EL PASO, ILLINOIS

An Independent Corporation Not Directly or Indirectly Associated with Any Other Seed Corn Producer

Says Price Controls, Rationing Needed

Farmers Union Head Calls For Clamps On Inflation, Aid To Europe Thru UN

A HARD-BOILED program of rationing and price control is necessary to keep prices down and make possible all-out American aid to rebuild the rest of the world.

That's what James G. Patton, president of the National Farmers Union, told an Iowa Farmers Union convention in Des Moines last month.

The United States, Patton said, should provide as many billions as are necessary to put foreign countries back on their feet. But he added that no such aid will make sense unless it is carried out thru the United Nations.

"If we are sincere about working with the rest of the world," Patton said, "then we should prove it by using the UN instead of by-passing it as we have done in the Truman program for Greece and Turkey."

The Farmers Union president said America should act as a banker, making money and materials available to the economic commission of the United Nations. The UN, in turn, would determine what nations needed help and how much.

Patton agreed that such a program might make nations in the Russian orbit eligible for American help on the same basis as other countries. But he declared that the UN, not just ourselves, should decide where our help would do the most good.

At home, said Patton, we can check inflation thru:

A tough, modernized rationing system; price controls that would be fair to all groups; strict control of raw materials; selectively higher, not lower, taxes; and continued controls on consumer credit.

Patton also urged farmers to "quit buying what you don't need." He said farmers should be careful now to stay out of debt—and especially to stop buying land.

To encourage all-out production of farm products, Patton called for a return to war-time price guarantees, plus adoption of a long-range farm program to assure farmers that they wouldn't be caught by surpluses when the present emergency is over.

Increased industrial production also is a must, Patton said, "even if that means building of steel plants by the federal government."

If these things are done, Patton argued, it should be possible to avoid another depression. "Why," he asked, "must democracy, the best system of government in the world, have recurring booms and busts?"

In his report, Iowa Farmers Union President Fred Stover, Franklin county, said membership in the state now stands at about 2,000 farm families, an increase of 500 in the last three years.

To aid in a drive for more members, the convention agreed to increase dues from $5 to $7.50 per year, and turned down a proposal to move state offices from Des Moines to Mason City.

Stover, Vice-President Leonard Hoffman, Hardin county, and Secretary Betty Lownes, Crawford county, were re-elected.

Directors of the Iowa union are Bud Schall, Boone county; Ross Stevenson, Howard county; Earl Moyers, Louisa county; Lee Harthan, Cerro Gordo county; Paul Schwitters, Hardin county; R. W. Snedden, Lee county, and G. H. Beck, Henry county. The last two were re-elected for new terms.

HIRED HAND HARLEY — It Was a Hard-Swinging Door, Too

We've Come a Long Way from the Longhorns

Longhorns by the millions ranging the western grasslands from the Gulf Coast to Montana . . . building empires . . . making history and legend on the great cattle trails! That was sixty and more years ago. Then the railroads came, much of the range was fenced and the fate of the longhorn was sealed. Shorthorn, Angus and Hereford bulls came in from the east. Gradually, the longhorns were bred out of existence, until today only a few isolated "museum" herds are left.

This is one story of continuing livestock progress, of better animals developed to meet changing conditions and needs. Who knows but that in another fifty years today's "best" may look as old fashioned as longhorns do now.

With hogs, one amazing change is in the increased speed and efficiency of producing pork. Three years once was needed to raise a hog to market weight. Today, pigs often weigh 200 to 250 pounds at six months or less. Straight line and cross-bred breeding experiments seek even more efficient hogs to make weight in the same short time, but produce more meat.

In lambs, development is directed toward "dual-purpose" breeds. Certain breeds have been best for wool but not best for meat. Others produced the meat but were lacking in wool. Researchers have made progress on breeds of lambs to produce both meat and good wool economically.

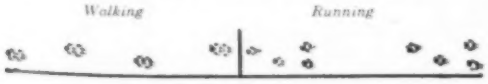
A first step in the improvement of any animals or any herd is to *use proven sires on dams of known productive ability*. The eye alone is not enough. To know *production records* and *ancestry* is vital. Bull grading programs offer greater certainty in choosing a sire. Weighing young animals at weaning time and marking them is important, especially in the selection of gilts. A "touch system" of sheep grading is proving helpful in culling large bands in little time.

On any matter pertaining to livestock breeds or breeding, Swift & Company has no favorites. We serve the interests of producers of *all* breeds, in *all* parts of the country. We urge you to watch carefully your farm publications, and the bulletins of your state agricultural station, and the accomplishments of successful breeders for latest news about the kinds of livestock which you raise.

Track Down the Facts

These are the tracks of the coyote. They *look* like dog tracks, but there are differences which the expert tracker can see.

In the livestock business, too, sometimes things are not as they seem to be. For example, some people say we waste our grain by feeding it to animals. Instead, they think we should eat the grain ourselves. They do not realize that the millions of head of cattle and lambs that are marketed every year are little more than grass turned into meat. It is true that many of these animals are fed a certain amount of grain and other concentrates to turn them into finished meat animals. However, if it were not for cattle and lambs, 779,000,000 acres of land in the United States would produce little, if any, food for humans. To put it another way, about 51% of the total land of our nation consists of grazing land which cannot be used for producing other feeds and food.



Martha Logan's Recipe for

UPSIDE DOWN CHILI PIE

(Yields 6 servings)

- 1 pound ground beef
- ⅓ cup chopped onion
- 1 tablespoon shortening
- 1 cup cooked kidney beans
- ¼ teaspoon chili powder
- ½ teaspoon salt
- 1 teaspoon Worcestershire Sauce
- 1 cup cooked tomatoes

Sauté meat and onion in melted shortening. Add beans, seasonings, and tomatoes. Cover. Simmer gently about 15 minutes. Pour into a greased 9-inch pie plate. Top with corn bread batter. Bake in a hot oven (425 degrees F.) for 20 minutes.

Corn bread

- ½ cup sifted flour
- ¾ cup yellow corn meal
- 2 teaspoons baking powder
- 1 teaspoon salt
- 1 tablespoon sugar
- 1 beaten egg
- ½ cup milk
- 2 tablespoons melted shortening

Mix and sift dry ingredients. Combine egg and milk. Add to flour mixture, stirring until well mixed. Stir in shortening. Pour over chili in pie plate.

Packers do not make livestock prices

In their day, the hardy, self-sufficient longhorns were the best breed for the open, unfenced ranges. In a land without transportation they actually took themselves to market. But the tough longhorns couldn't match newer breeds in beef production.

Calves from Hereford, Shorthorn and Angus bulls and from thrifty longhorn dams grew faster. They produced more and better meat from less feed. Blockier and of heavier frame, they yielded more of the more popular meat cuts. They were better money makers for farmers and ranchers. Such results encouraged selection of better foundation stock.

Each improvement in meat production has been met by increased demand for popular cuts on America's dinner tables. Livestock producers and meat packers have worked hand-in-hand to encourage greater demand for meat. But Swift & Company plays no favorites among breeds of beef producing animals. We do not *make* markets . . . we find them. In our buying of livestock we transmit to producers the knowledge of the kinds of meat that are preferred in various sections of the country.

The price producers receive for their livestock is governed by what the packer can get for the meat and by-products.

F. M. Simpson
Agricultural Research Department

Will It Pay Me to Specialize?

M. T. Buchanan

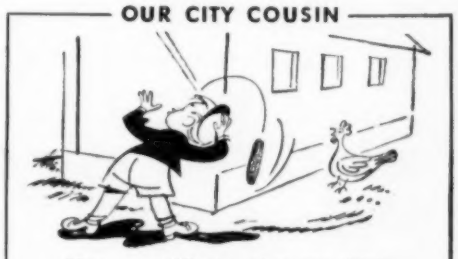
by M. T. Buchanan
State College of Washington

"Should I specialize in some crop or enterprise, or should I diversify my operations?" Many farmers and ranchers have to find the answer to this question. For instance, in the state of Washington, there are 63 distinct types of farming in this one state alone. And they should consider that the types of products which come from farms in different areas of the United States are not accidental. They are caused by the inter-action of physical and economic factors. The operation of these two forces has been hastened by mechanization, development of better crop varieties, breeds and disease-resistant strains.

Specialization, of course, leads to increased efficiency in the use of labor, equipment, capital and buildings. Marketing is an easier task and more time is available for maintenance of equipment and for planning new and better methods. A great deal of the increase in production of agricultural products has resulted from specialization. Farms have increased in size. Proportionately, the amount of labor needed has decreased, allowing more labor for use in other ways.

Specialize or diversify? There's plenty of "real life" evidence to help you in reaching a decision. Go visiting. See how your neighbor does it. It's *your* problem and even if you decide to make no changes from your present plan, you'll get a lot of ideas on how you can do *your* work better.

OUR CITY COUSIN



Hey, you! What makes you think soft corn is soft?

Soda Bill Sez: . . . *the man who gets what he wants is successful. The man who wants what he gets is happy.*

SWIFT & COMPANY
UNION STOCK YARDS
CHICAGO 9, ILLINOIS

NUTRITION IS OUR BUSINESS—AND YOURS
Right eating adds life to your years—and years to your life

So easy to turn!

FERGUSON DISC HARROWS

Ferguson Tandem Disc Harrows are available in 5, 6 and 7 foot widths; Single Discs in 10 and 12 foot widths.

You do *better* discing, *easier* than ever before, with Ferguson Disc Harrows. Finger Tip Control on your Ferguson System Tractor angles or straightens the gangs in an instant without stopping the tractor. You lose no time when turning at the end of the field—just straighten the gangs with Finger Tip Control for square, fast turns. Reduces strain on tractor. And, there's no "fighting" the steering wheel, no fumbling for ropes or levers, no looking back. Eliminates ridging and over-discing headlands.

PROTECT Your Grassed Waterways!

No cutting or tearing of valuable sod when you cross grassed waterways with a Ferguson Disc Harrow. Just straighten the gangs, cross the grassed area and reset the angle—no stopping, no effort, no time lost. Ask your Ferguson Implement Dealer for more information.

OTHER FERGUSON IMPLEMENTS TO MAKE YOUR WORK EASIER
Plows
Bush and Bog Harrows
Tillers
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Row Crop Cultivators
Mowers
Grain Drills
Middlebuster-Planter
Grader and Terracers
Cordwood Saws
. . . and many more!

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A WALLACE-HOMESTEAD POLL

How Much More Cash For Europe?

Iowa Farmers Are Doubtful About Continued Big Loans Suggested by the Marshall Plan

UNLESS Europe gets a quick loan of two billions, starvation and disaster may hit before the new year.

That's what some State Department talk indicates.

Unless Europe gets a loan program of around five billions a year, continued for probably five years, those nations can't pull themselves out of trouble.

That's what the Marshall plan may add up to, when congress considers it this winter.

What do Iowa farmers think about more loans to Europe?

Young and middle-aged farmers divide almost evenly on loans. But older ones are definitely against them.

As a whole, Iowa farmers still have to be sold on the need for further loans.

Do all farmers realize that big exports — largely handouts—are one influence causing present high grain prices?

Some Iowa livestock men do. They know that wheat exports push up corn prices, and high corn prices make it hard for a feeder to make money.

But poultry raisers are dependent on exports for part of their sales. They'll suffer if loans are cut down.

So will milk plants that produce dried whole milk or non-fat milk solids.

Schooling makes some difference in how farmers vote:

	8 grades	9 and up
For	21 pct.	37 pct.
Against	43 pct.	37 pct.
Undecided	36 pct.	26 pct.

Farm Bureau members are more favorable to loans than non-members. Tenants like loans better than owners.

Some farmers who voted for loans were concerned lest a drop in exports hurt business in the United States. A slump in business would hit farmers quickly.

High prices in hogs and cattle, for instance, are the result of a high level of business activity and of pay rolls. Exports take very little meat.

If there were no meat exports at all, it would make no difference to hog and cattle prices so long as pay rolls stay high.

But if exports of industrial products dropped, and men were thrown out of work, hog and cattle prices would feel the shock at once.

Politically, Iowa farm Democrats look on foreign loans in a more friendly way than do Republicans.

	Rep.	Dem.
For	28 pct.	36 pct.
Against	46 pct.	33 pct.
Undecided	26 pct.	31 pct.

But even among the Roosevelt voters of 1944, the vote is dividing three ways almost evenly. Almost as many disapprove the loans as approve. And those who are doubtful almost equal those who approve.

If President Truman and Secretary Marshall ask for a new series of heavy loans to Europe, Iowa farmers will apparently listen rather skeptically.

In Guthrie county, Iowa, one farm woman gave this reason for supporting loans:

"Let's get Europe going again and try to keep them settled. My oldest boy was over there. I don't want my youngest to have to go back. Let's send dollars and see if we can't keep our boys."

But an elderly farmer in Johnson county said:

"Why tax ourselves to send big sums of money to Europe? They won't use it as they should anyway."

A Kossuth county woman suggested:

"I believe we should help to get Europe started. But would it not be best to send proper machinery and people to show them how to run it?"

Three Chickasaw county farmers sum up other arguments:

"A good way to combat Communism is to help Europeans eat."

"Its cheaper than another war."

"By helping them, we help ourselves, by keeping our markets good."

A Buchanan county farmer said:

"If we keep on furnishing billions to Europe, we are apt to go to pieces before they do."

Doubtful On Marshall Plan

"In order to keep Europe from going to pieces, there is talk of a large loan program, maybe five billions a year, to help European farmers and factories get started again. What do you think of it?"

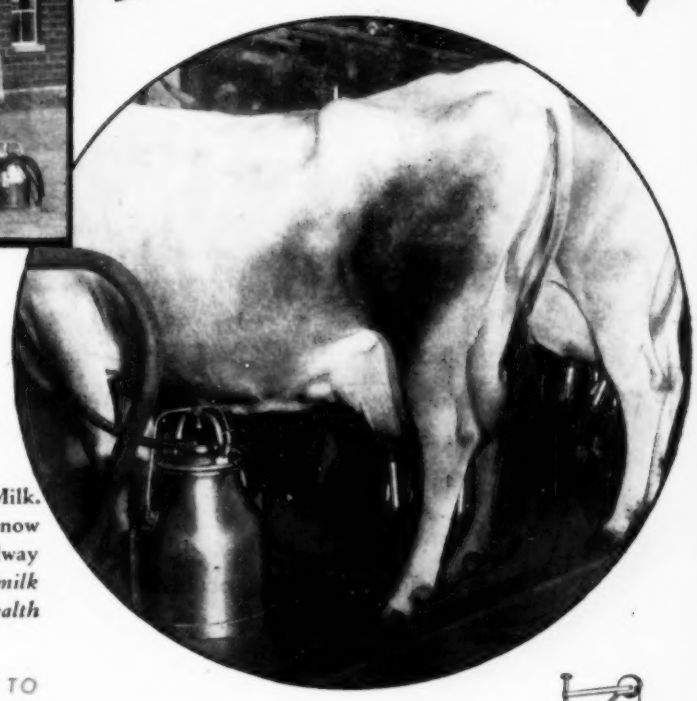
A cross-section of Iowa farm people answered:

	All	20-29 yrs.	30-49 yrs.	50 or over
Approve	32 pct.	36 pct.	38 pct.	20 pct.
Disapprove	39 pct.	37 pct.	26 pct.	35 pct.
Undecided	29 pct.	27 pct.	26 pct.	35 pct.

"Why I Changed to De Laval Magnetic Speedway Milking..."

"WE WANTED TO ESTABLISH AN ABSOLUTELY UNIFORM PULSATION RATE WHICH CANNOT BE CHANGED BY THE INDIVIDUAL OPERATORS • THIS CANNOT BE ACCOMPLISHED WITH NON-MAGNETIC TYPE MILKERS." Indian Spring Farm, Darlington, Maryland

Charles W. Collier, Owner



Right, Mr. Collier! UNIFORM PULSATIONS MEAN MORE PRODUCTION, MORE PROFITS

And that is why Indian Spring Farm, owned by Mr. and Mrs. Charles W. Collier, at Darlington, Maryland, discarded their previous make of milker and installed a new 16-unit De Laval Magnetic Speedway.

The Indian Spring Jersey herd is one of the oldest in the country . . . is the largest Jersey herd in the world on complete HIR test . . . and the largest producer of trademarked Jersey Creamline Milk.

No matter what make of milker you now use . . . a new De Laval Magnetic Speedway Milker will produce *more and cleaner milk . . . larger profits . . . better herd health . . . greater time and labor savings.*

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Another great new De Laval Milker for still better milking. Stainless steel units.

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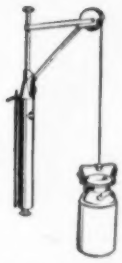

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That is why Pilot Brand Oyster Shell is over 99% pure calcium carbonate, the cheapest, cleanest and most productive egg shell material obtainable.

Hens must have it before them all the time to produce egg profits.

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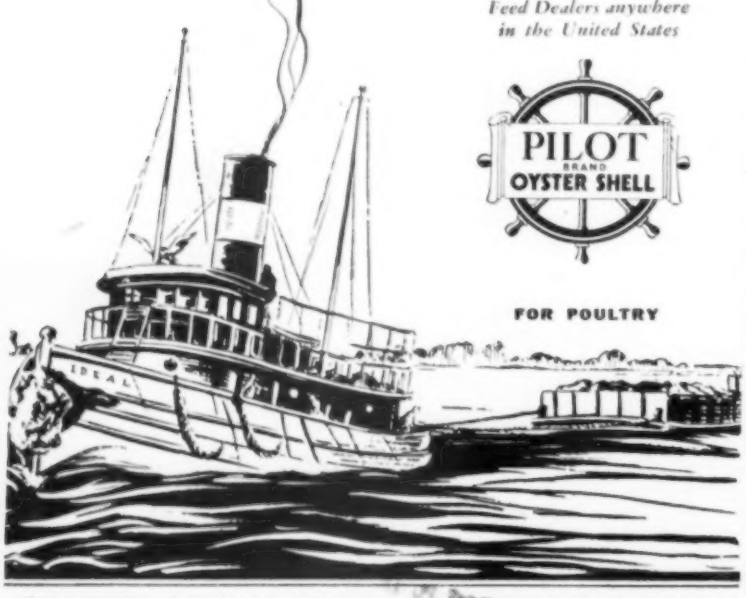


PILOT BRAND OYSTER SHELL

FOR POULTRY

OYSTER SHELL PRODUCTS CORPORATION

Workday Pointers

Helpful Suggestions For Farmers

OATS CAN BE substituted for a part of the corn in the dairy cow ration.

▲ ▲ ▲

PULLETS lay 20 to 30 per cent more eggs than hens kept for the second year.

▲ ▲ ▲

GRASS ROOTS in the soil are like hair in the plaster, says E. E. Smith, of the Lucas county soil conservation service.

▲ ▲ ▲

ONE NEST for each five hens and three and a half to four square feet of floor space for each hen are minimum accommodations for the laying flock.

▲ ▲ ▲

START COMBINING soybeans as soon as they are down to 14 per cent moisture. There is always some loss from shattering as the beans get drier.

▲ ▲ ▲

LIME should be applied this fall if pastures in lime-deficient areas are to be fertilized, and resceded next spring. One or two diskings will work the lime into the soil so it can go to work.

▲ ▲ ▲

PAVED FEED-LOTS for cattle should contain 30 to 35 square feet per steer, according to the Illinois College of Agriculture. They say the paving saves an average of about $5 per steer fed in the winter season.

▲ ▲ ▲

CORN IS MATURE at 33 per cent moisture, says R. R. Mulvey, of the Purdue experiment station. No further increase in yield or feeding value can be expected after this moisture content is reached. He says it may take 20 days for the corn to lose the 13 per cent moisture down to 20 per cent for safe cribbing.

▲ ▲ ▲

FEEDER LAMBS brought in from the west should be looked over every week or two for signs of sore-mouth. This trouble begins with a blister at the corner of the mouth, which may become a deep sore. Separate affected lambs, says K. W. Stouder, of Iowa State College, and apply a mild disinfectant after rubbing the scab off with a corn cob.

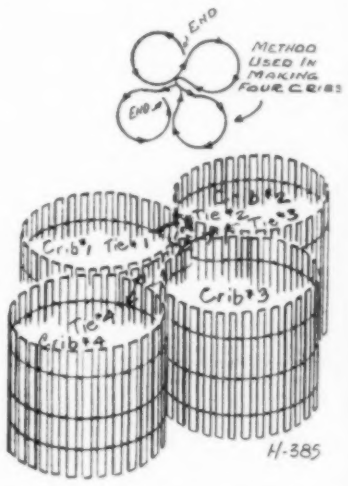
FULL FEED of corn should be reached gradually for any kind of livestock. But protein feed can be started at the full amount per day to be fed.

▲ ▲ ▲

DEEP PLOWING is favored more in fall than in spring. Leave the fall-plowed land as rough as you can, to stop blowing in dry weather and water run-off when the weather is wet.

▲ ▲ ▲

WET CORN is often put in long, narrow pens to dry out. One farmer uses an ordinary slat crib to make four pens, as shown in the illustration. This gives the



corn access to the air. Making four round pens with one 50-foot crib will reduce the corn-holding capacity too much, however. Longer cribs would be better.

▲ ▲ ▲

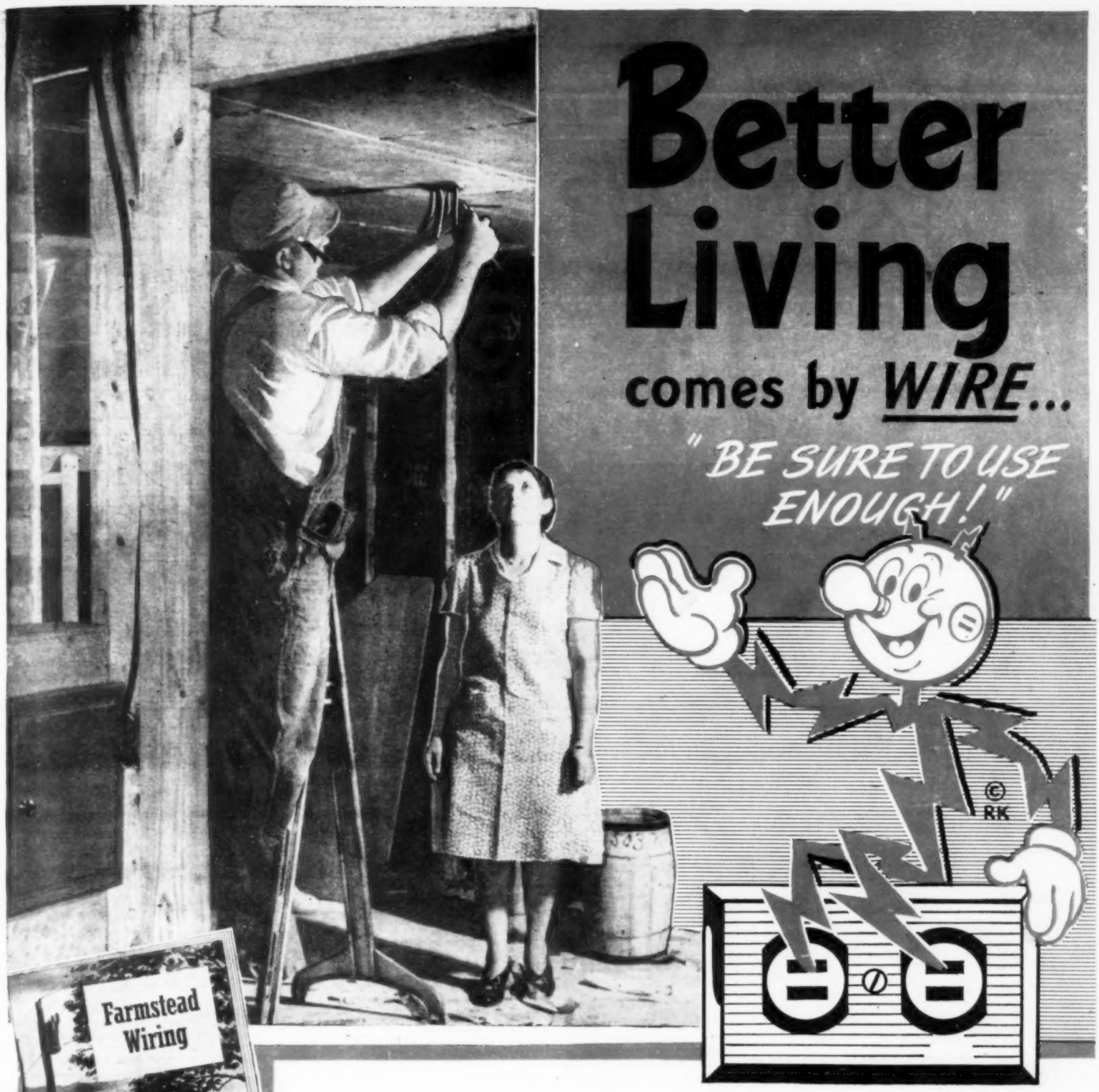
FARM LEASE changes should be agreed upon and signed up during this month in Iowa. After November 1, the old lease holds over another year unless either landlord or tenant has given notice of termination.

▲ ▲ ▲

DEATH LURKS in the gas which forms above newly-made silage. Keep a door open at the level of the silage so the heavy gas can escape. The gas can be blown out if the blower is still set up. You can test the safety of the silo with a common lantern. If it burns, you can breathe.

A WINDMILL ON SKIDS

WATER PROBLEM for hogs on pasture is solved with a portable windmill on the A. O. Anderson farm, operated by Walter Corderman, in Sac county, Iowa. Built on 4x6 skids. Uprights are 12 feet, with three-foot spread at the top and eight-foot spread at the bottom. Mill is on short stub tower. It's self-regulating with automatic hog vat connected to water tank. Corderman moved the windmill from the farmstead to the pasture with a tractor. Looks like a good idea where wells are available or can be made y driving a sand-point.



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● The new book, "Farmstead Wiring," will prove invaluable to you in planning how to best utilize electricity on your farm. Your electric company, listed below, has a free copy for you. Call or write for your guidebook today.

Electric wiring, like clothes and cars, is apt in time to become outmoded. If you are building or remodeling your farm home, be sure your plans call for adequate modern electrical wiring.

Efficient operation of motors, heaters and appliances depends upon wires big enough to carry the heaviest demands. Since Iowa farmers are finding new chores for Reddy Kilowatt every day, it is wise to provide for future requirements as you build or remodel. Then it costs only a trifle more to assure ample wiring, switches and outlets for your farm. Later, it may prove more expensive to increase electrical capacity. Reddy Kilowatt is your low-cost electrical servant. Let him help you enjoy modern, electric living on your farm.

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Champion fence is a matter of development, just like champion livestock. Year after year better features have been built into U·S·S American Fence . . . features that farmers wanted . . . the tension curve to keep fence tight . . . the hinge joint which allows the fence to give under pressure and spring back . . . and the properly applied galvanizing that adds years of life to the fence.

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UNITED STATES STEEL

USS AMERICAN FENCE UNITED STATES STEEL

It Takes close figuring to make the best use of available old corn. Burnelle Segelke, of O'Brien county, Iowa, has 800 bushels, is using half to finish 99 heifers and is putting the rest into 225 pigs.

You Can't Market Corn-Fed Rats

Carefully Planned Poison Campaign Is Best Way to Get Rid of Feed-Wasters

WANT to get rid of your rats? It isn't hard, says Dr. Harold Gunderson, of Iowa State College, if you take these four steps:

1. Clean up. Get rid of junk, old manure and straw piles. Posts and boards should be stacked on platforms two feet off the ground.

2. Pre-bait. That means putting out bait for one or more nights without poison. That will gain the rats' confidence. And it will help you estimate how many rats you have—a pound of bait makes a night's feed for about a hundred rats.

3. Poison. Use the same bait as when you pre-baited, mixed with one of the recommended rat poisons. Meat makes a good bait—rats probably have been living for the most part on corn, and they like to balance their diet.

4. Rat-proof. Fix foundations and floors so new rats won't move in on you.

After a rat poisoning demonstration on her farm last fall, Mrs. Trena Readout, of Hardin county, Iowa, is convinced that Gunderson's program works.

There were lots of rats on the Readout farm. Mrs. Readout's son, Harold, who operates the place, had tried everything—except poison. Charged wires around the feed wagon didn't work. The rats would short the trap enough to burn out a fuse, then make their escape.

Shooting required too much time for the number of rats destroyed. So did Harold's system of opening the granary door a crack, then killing the rats with a board as they scurried out.

In their poisoning campaign, the Readouts pre-baited for three nights. The bait was a mixture of horse meat, hamburger and rolled oats.

Then the same bait was thoroly mixed with Antu—short name for a new poison. The poisoned bait was thickly smeared on boards about a foot long. Gunderson recommends this method of individual baits. The boards are easier to pick up, and rats won't carry the bait away.

It was storming and cold the night the baits were set. (It was November 6, last year, a little late for best results.) Rats won't eat frozen bait. And they stay in their holes in bad weather.

So the Readouts gathered up the bait boards, laid them out again the next night. Chickens and cats were shut up and the dog was tied. But one board was missed on the final pick-up. The dog found it later, and in a few days, he was dead.

In spite of these difficulties, Mrs. Readout is sure that poisoning is the best way to get rats. She had only a few left after the first campaign—probably young ones and a few that missed the bait.

What about Antu as a tracking poison—put in holes and runways so rats will lick it off their feet? Control is only about 50 per cent that way, says Gunderson. Some rats will get just enough to make them sick. Then they will be immune to the poison for about 30 days.

Gunderson thinks that if a rat eats any poison and recovers, he won't touch it again. And rats are quick to become suspicious of a given type of bait.

That means a different poison and new bait should be used for a second poisoning. If you have used squill poisons in the past, Gunderson suggests starting a new campaign with Antu. If that doesn't get them all, you can try barium carbonate, or go back to squill.

If rats get suspicious of a meat bait, try fish or buttermilk. Fresh fruits, melons or vegetables make good fall baits.

Be sure you understand what the various poisons will do. Squill gets rats only. But Antu and barium carbonate are poisonous to all animals.

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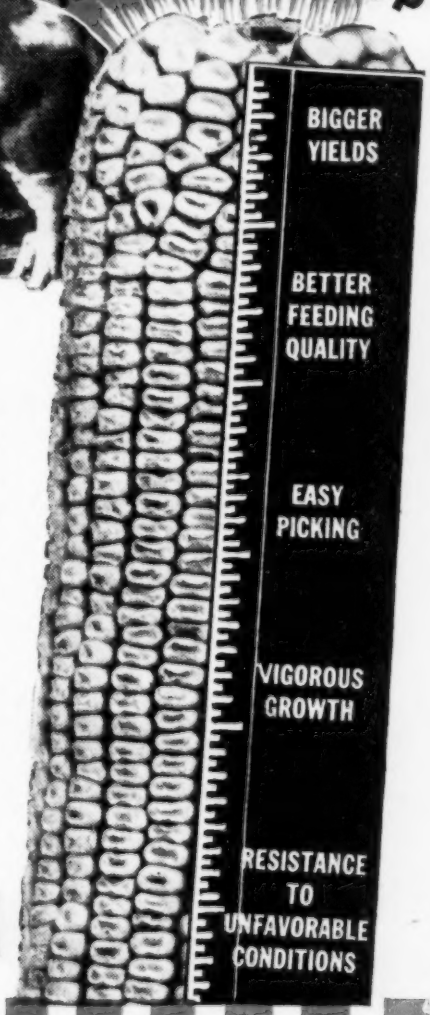

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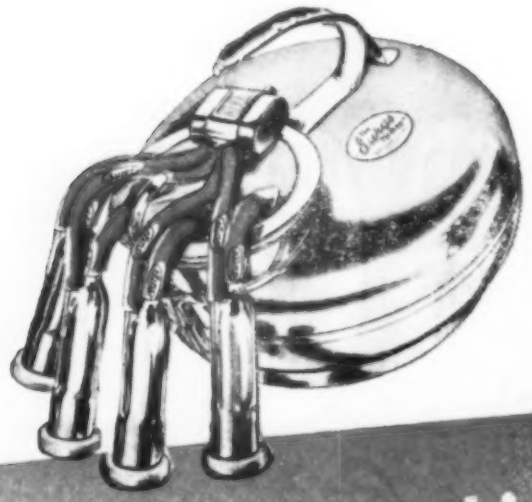

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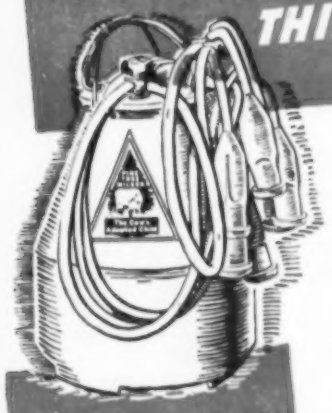
Only the Surge milks with a downward and forward TUG & PULL . . . the Surge tugs and pulls harder as the cow milks out and the udder becomes flabby. Surge TUG & PULL holds the teat cups down where they belong so that the udder is not pinched and the milk flows fast and freely.

This modern Surge gets the milk quickly and safely—when milking is done it is easily scrubbed clean because this Surge has no long tubes and it has no milk claws.

A modern machine will save you more time and give you more money for each hour you spend milking . . . ask your neighbor!

THIS WAS a Good Milking Machine THIRTY YEARS AGO!



Back in 1917 the Pine Tree Milker was a good machine . . . it had a precision built pulsator that had probably never been surpassed . . . it had a claw so good that it has been widely imitated since our patents expired . . . this 1917 Pine Tree would not suffer by comparison with many machines built yesterday . . . but . . . it was necessary to bear down on the claw or hang some weight on the claw to keep the teat cups from climbing as the cow milked out.

In 1917 . . . the Pine Tree was a modern machine . . . in 1947 it is no longer modern. In 1917 the Pine Tree was a good investment . . . it would not be a good investment in 1947.

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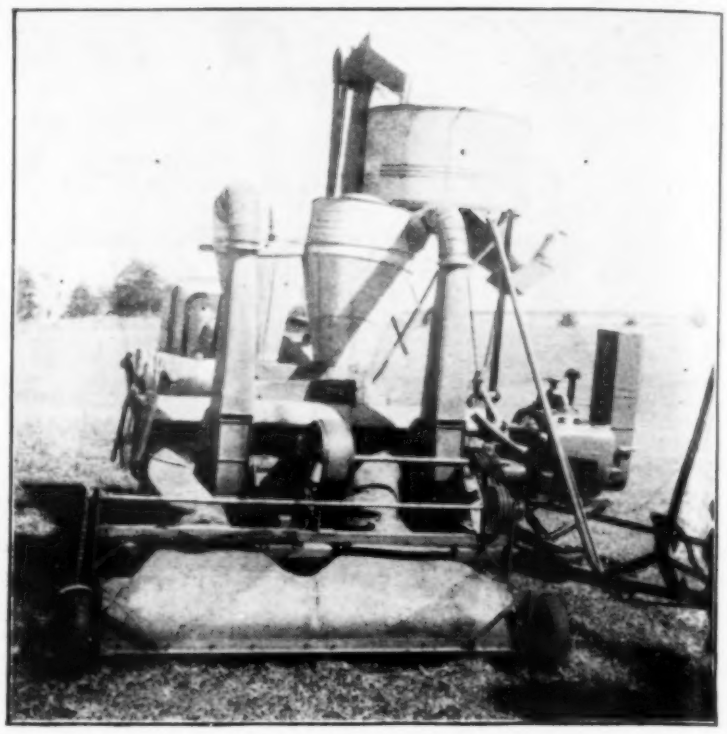

Sweeps the Field for clover heads. This machine was made by three Lucas county, Iowa, men. They are: Buzz Dunn, Wm. Baughman and Raymond Pim. After paying $2.20 per pound for seed to sow 80 acres of Ladino clover, they wanted to save all the seed. The heads are picked up by a revolving cylinder covered with rubber fingers from a mechanical chicken picker. A 26 horse power motor makes the vacuum that sucks the heads into the combine.

Pay More to Combine Beans, Pick Corn

Here Are Most Common Rates for Combines And Pickers . . . Also Ways of Figuring Costs

WHAT'S the usual charge for combining beans? For picking corn? For operating silo-filling machinery? Lots of folks are asking these questions.

It's hard to name a customary charge when wages, machinery costs and grain prices are changing rapidly. But there are ways to get fairly close to what custom charges should be.

One way is to find charges most in use for 1946. Add expected increase for this year, if any. A report from 290 Minnesota farmers does that. Vocational agriculture instructors and students gathered the figures.

For combining beans, these farmers said the most common charge was $4 an acre. Next, in 1946, was $3.50 an acre.

Twenty-three per cent of them said they expected an increase in rates for 1947. They estimated this increase at 25 cents an acre. That would mean $3.75 to $4.25 an acre.

Iowa State College engineers outline a little different method. Machine costs are determined, to which are added costs of labor and ownership. Ownership costs are said to add from 25 to 50 per cent.

For combining beans, machine cost is placed at $2.50 an acre. Adding 30 per cent for ownership costs makes $3.25. If labor cost is $1 an acre, total custom charge would figure out to be $4.25.

For picking corn with a two-row picker, the most common Minnesota charge in 1946 was $4 an acre. Next was $4.50. Thirty per cent of the farmers reporting said they expected an increase of 75 cents an acre for 1947. The other 70 per cent expected to make no increase.

With the Iowa State College system, machine cost of picking corn is set at $2.50 an acre. Adding 30 per cent for cost of ownership of machine makes $3.25 an acre. Labor charge of 75 cents an acre would make the custom charge $4.

In the case of both beans and corn, the labor charge might vary from the figures named. You can add cost of labor in your vicinity to find what the custom charges would be under this system in your neighborhood.

For filling a silo with a field cutter, the farmers reported that the most common charge was $8 an hour. The next most common charge was $9 an hour. They did not expect a change in 1947 over 1946.

Using the Iowa cost figures, the per-acre cost of a field cutter is $4. If you add 50 per cent for ownership costs on this type of machine, the cost would be $6 an acre, plus the costs of labor. These labor costs can be figured for your farm and added to find the custom charge.

The cost of elevating silage, as determined by the Iowa figures, is 50 cents per ton, plus ownership and labor costs.

These Iowa and Minnesota figures may help answer your questions about custom charges. But all neighborhoods and all farms are not alike. Customs may be different in some places. Distances, size of job and condition of fields make some farms require higher rates than others.

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We hope that you will have a good look at the new Ford Tractor and at the new implements specially designed for it. Remember, too, that you get a type and quality of service second to none in the tractor and implement field.

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Implements are raised for transport or lowered for working by Ford Hydraulic Touch Control.

New 4-Speed Transmission adds a fourth forward speed, with stepped up top speed.

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Most of them attach or detach in a minute or so and utilize Ford Hydraulic Touch Control for easy transport and almost effortless operation. Ask your Ford Tractor dealer for literature on implements now available and watch for announcements of additions to the line.

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A Copper Penny Commands 17 Six-Penny Common Nails . . .

This is the approximate across-the-counter price. To allow for adequate retail and wholesale margins, transportation and keg costs, the manufacturer must produce twice this many nails for a penny. Nails have always been either a close-margin or loss item in steel-making. A penny buys only a few less nails than heretofore.

The average price of steel as obtained by the mills is a little over 3c per pound — about $60 per ton (based on weighted production of 9 major steel items, representing a substantial percentage of steel production in the United States). Including the last increases, steel has advanced only about ½c per pound over the last ten years.

Nails are one of the steel products which require many reducing and finishing operations, consequently are higher per pound than the composite price of steel. Even so, today's price of nails adds only about $15 to the cost of building an average house as against the price of nails 10 years ago. ***Steel IS Cheap.***

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2-P

Directors of the Iowa Rural Electric Cooperative Association, the state REA cooperative group, are (from left to right): Julius Lensch, of Shelby county, vice-president; D. W. Meyer, of Sac; Albert G. Olson, Mitchell; Alfred Schmillen, Cherokee; Executive Secretary Earl Wisdom, Polk; George Kirstein, Wright, secretary-treasurer; H. V. Baker, Henry, president; C. C. Brimmer, Ringgold county. They are pictured at last month's IRECA annual meeting.

Power Shortage Slows REA Program

Demand Increases and Congress Cuts Funds; So Co-ops Are Running Short of Kilowatts

IOWA'S 140,000 electrified farms are making much greater use of electric power than anyone guessed they would. So the people who make and sell kilowatts are having a tough time keeping up with the demand.

This shortage of power got a lot of attention at the Iowa Rural Electric Cooperative Association's annual meeting in Des Moines last month. The association includes the 54 electric cooperatives set up in the state thru REA loans in the last 10 years.

Earl Wisdom, of Des Moines, executive secretary of the co-op group, said both REA cooperatives and private power companies are plagued by a shortage of power.

The co-ops, he said, have been getting much of their juice from private utilities. But with demand for power on the increase in cities, too, the utilities are running out of excess power to sell.

The co-ops are tackling the problem, Wisdom said, by building more generating plants of their own. The situation in southwest Iowa, he said, will be eased soon when the Southwest Federated Power Cooperative gets its new generating plant at Creston in operation.

In northern Iowa, construction of a 10,000-kilowatt plant at Humboldt will get under way this year.

The Central Electric Federated Cooperative Power Association, now operating four plants in the Pocahontas area, and the Federated Cooperative Power Association of Hampton, which also has four plants in operation, will combine forces on the Humboldt project.

REA cooperatives in east-central Iowa have organized the Central Iowa Power Cooperative, which will build a 20,000-kilowatt generating plant at Cedar Rapids. The plant, to be operated for the co-ops by the Iowa Electric Light and Power Company, should solve the shortage problem in that area.

The Iowa cooperatives also hope eventually to fill some of their power needs from government dams to be built on the Missouri river.

Further increases in generating capacity depend on congress, the convention was told by Carl Hamilton, Washington, D. C., assistant REA administrator.

Hamilton said many of the applications for REA loans to build generating plants were doomed last spring when congress cut REA appropriations to 225 million dollars.

The continued shortage of line-building materials also is slowing up the extension of electric service to farms, the delegates were told.

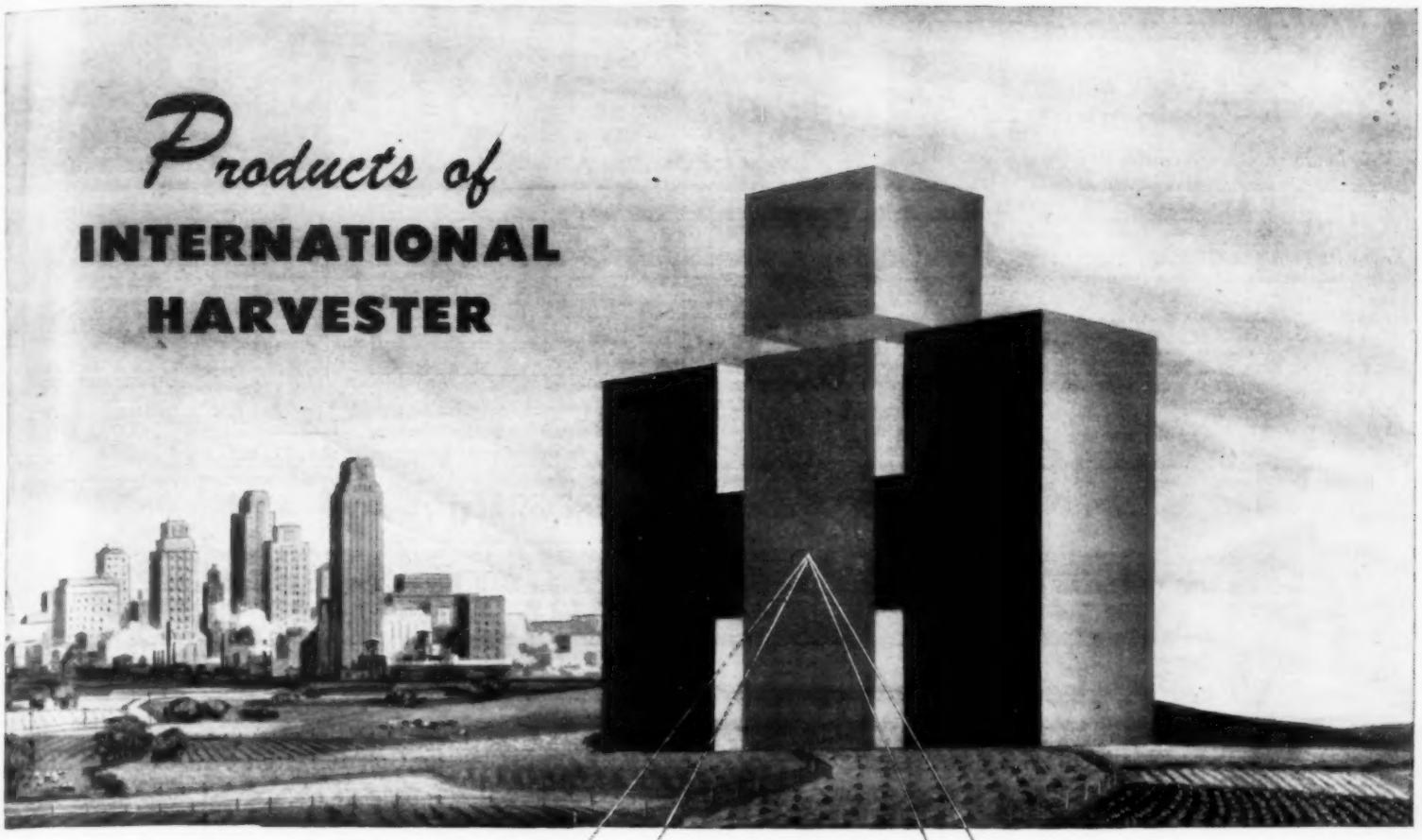
A report on the fight over taxing of REA cooperatives in the last session of the Iowa legislature was given the delegates by I. E. Trottnow, manager of the Benton County Electric Cooperative Association.

With the help of the Iowa Farm Bureau Federation, Trottnow said, the co-ops managed to defeat attempts to saddle them with taxes that would "put us out of business."

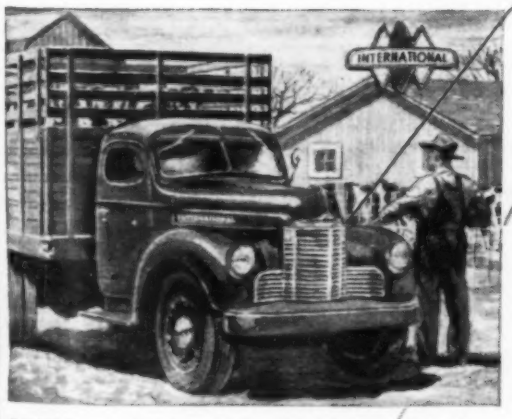
Trottnow said the REA co-ops are not opposed to taxation on the same basis as other non-profit systems—meaning municipal plants.

The convention named C. C. Brimmer, Kellerton, as IRECA director for the fourth district, succeeding A. G. Moffatt, Mt. Ayr, and D. W. Meyer, Odebolt, as sixth district director, to replace H. G. Dokken, Linn Grove. Terms of other directors did not expire.

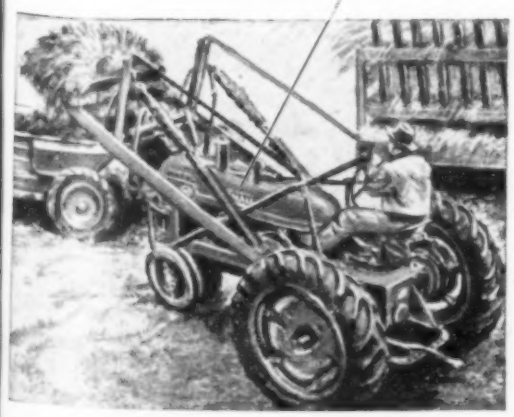
Following the meeting, the new board of directors re-elected H. V. Baker, Mt. Pleasant, as president of the association; Julius Lensch, Harlan, vice-president, and George Kirstein, Clarion, secretary-treasurer.



What the International Harvester symbol means:



TRUCKS—The complete line of International Trucks offers the farm operator a wide choice of models and sizes to fit his exact needs. For more than 40 years farmers have relied on Internationals.



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Vinton Hybrids VINTON IOWA

Aiken Vermont senator's subcommittee seeks farmers' views on future farm program.

Dodd Undersecretary of Agriculture says Americans should eat less grain-fed meat.

Washington Wire

Want People, Pigs To Eat Less

Cut the Consumption of Meat, Sell Stock At Lighter Weights, Government Asks

WASHINGTON, D. C.—Americans and their livestock should eat less. That, the government believes, is the way to stop the rise in food prices and still have some food to send to hungry Europeans.

So two campaigns are being planned. One would ask consumers to eat less food, particularly meat. The other would ask farmers to sell hogs at lighter weights, put less finish on cattle, feed less grain to dairy cows and poultry.

President Truman and his aides are convinced that rising food prices are caused by heavy food-buying at home and by large foreign demands for U. S. food. To stop inflation, they say, we must eat less and export less.

This view isn't shared by the State Department. It says Europeans must be sent just as much American food as they got last year.

But other government officials say it can't be done because of our short corn crop. We can't even come close, they say, unless farmers lay off wheat feeding more than they are expected to.

That's the reason for the campaign to save meat and cut down on livestock rations. The less meat we eat, and the less wheat we feed to livestock, the more food we can continue to send to Europe without prices going too high.

Whatever scheme we use to hold food prices down, going back to OPA price ceilings won't be part of it. That was made clear when President Truman turned thumbs down on the idea of a special session of congress to revive OPA.

Some of the labor and consumer groups have demanded such a special session. But the president believes most people are opposed to a return to price control. And he doesn't think congress could act quickly enough to have much effect on the present flurry of high prices, anyway.

The president's attitude probably means that there won't be an early special session of congress to talk about either prices or loans to Europe.

Guessing now is that if the lawmakers are called back, it won't be until about December 1. Then it would be just to get a month's jump on the regular session starting in January.

The campaign to save wheat for export by cutting consumption of meat, poultry and other livestock products already has begun.

Undersecretary of Agriculture N. E. Dodd has been saying that if Americans don't eat less meat, wheat ear-marked for export will go into livestock instead.

Unless grain supplies get better, Dodd says, we could get along by eating more grass-fed cattle.

National Grange Master Albert S. Goss agrees. He and Dodd recently got back from the annual meeting of the United Nations Food and Agriculture Organization, in Switzerland.

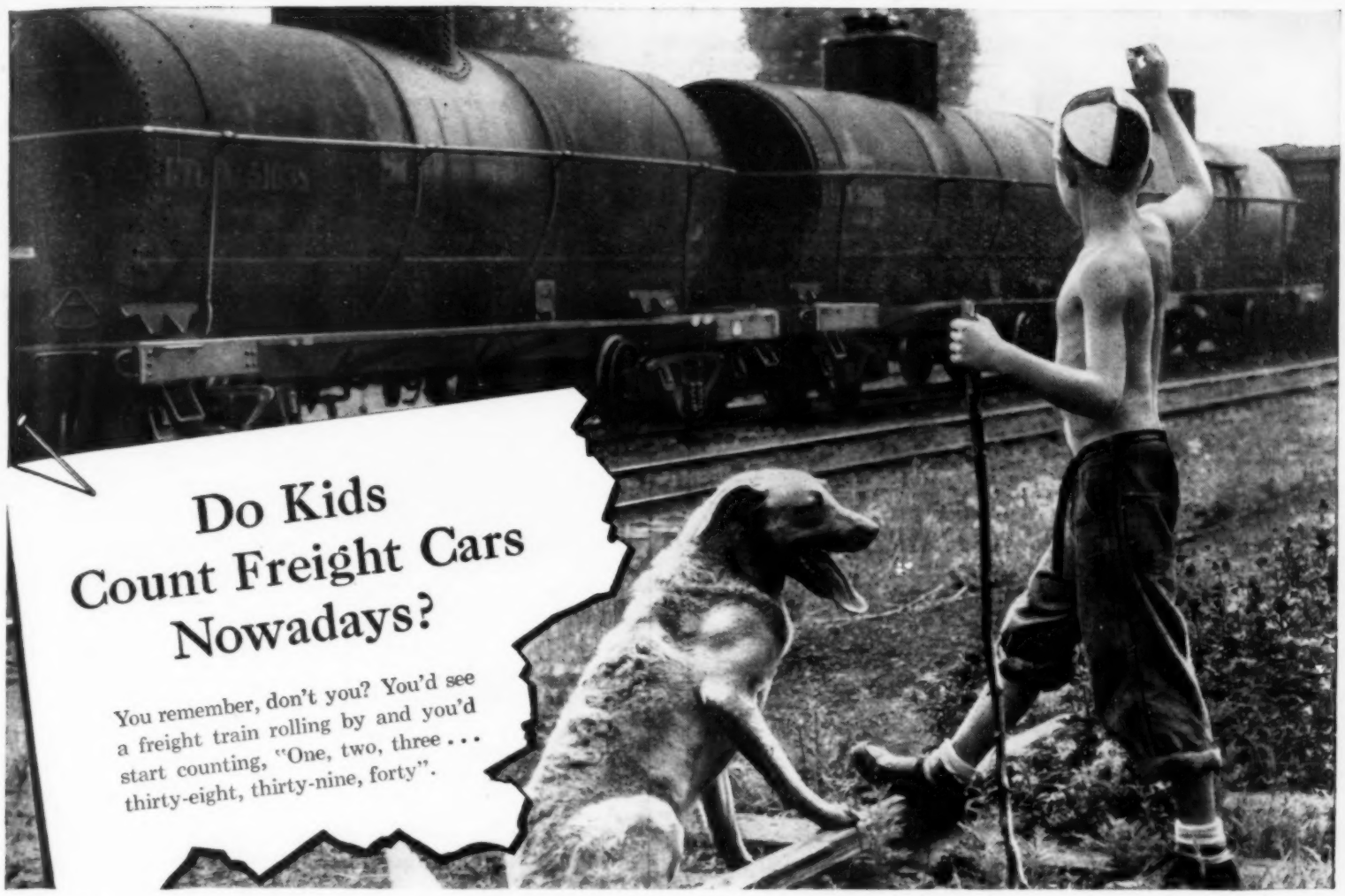
Conditions in Europe, Goss says, are "desperate." He thinks that unless voluntary campaigns to save grain work, we should go back to government control over its use.

Farm prices are high now, but farm-minded congressmen know they'll come down sometime. So both house and senate agriculture committees are continuing their studies of a long-range farm program.

Both groups will start hearings in Washington, October 6. Later, they'll tour the country to get the views of farmers themselves.

A senate sub-committee headed by Aiken of Vermont will conduct field hearings at Springfield, Ill., October 20, then move to Minneapolis, Ames, Iowa, and Denver.

The house committee will hit the road on October 13. A hearing at Sioux City, Iowa, is scheduled for October 27.



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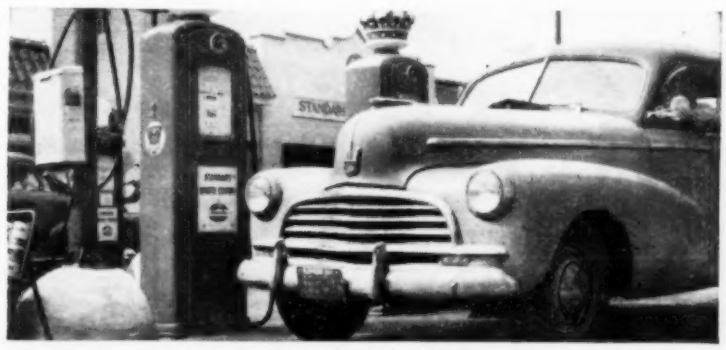

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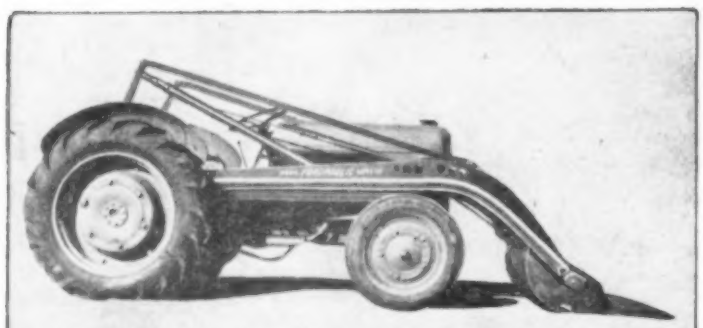

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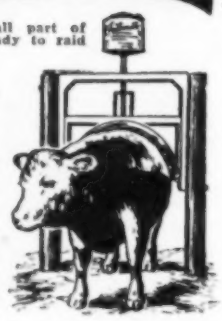

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Sure! I want to protect my cattle against profit robbing pests! Send details at once.
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PENDER, NEBRASKA, U.S.A.

English Tenant farmer, Russell Woods (right), explains operations on his 1,200-acre farm in Hertfordshire to William Davidson (left), Cedar county, and LeRoy Getting (center), of O'Brien county, during Iowans' tour of Britain and western Europe.

English Food Ample But Not Tasty

Iowans Find British Farmers Efficient, Doing Their Best to Meet Food Shortage

Charles Hearst, Black Hawk county, Iowa, is one of a group of farmers just returned from a European tour sponsored by the Iowa Farm Bureau Federation. In this article, Hearst tells his impressions of England and Scotland.

ENGLISHMEN seem to be getting enough to eat, but it doesn't taste very good.

Hired men in Great Britain have a 48-hour week and get paid time-and-a-half for overtime.

English and Scottish farmers seem to be fairly efficient, especially with livestock.

Those are some things that impressed me during a visit to Britain with a group of Iowa farmers.

One of the first things you find out about in England is the scarcity of food—and the rationing.

An official of the Ministry of Foods told us that before the war Great Britain imported more than half the food it needed. But during the war the money that could be spent abroad had to go for other things. And foreign exchange—especially dollars—is still scarce.

So food imports in Britain have now dropped to about 1,600,000 tons a year. Before the war, 22,000,000 tons of food were imported.

To bridge part of the gap, British farmers have greatly increased their production.

Even so, the British don't have nearly as much food as they would like to have. To divide the available supply evenly among all classes of people, a point system of rationing is used.

On a calorie basis, the British diet isn't too bad (about 2,800 calories a day). On variety and quality, it is bad. Rationing has provided a scientifically adequate diet, but it's very dull and tasteless.

The average person gets 12 to 14 ounces of meat a week and two ounces of bacon. Other rations include 63 ounces of bread a week, two ounces of cheese, two ounces of sugar, four ounces of jams and preserves. The average consumer gets two pints of milk per week and about 40 eggs per year.

The attitude of the people makes the rationing system work. There is no established black market. The people apparently will support rationing as long as food is short.

British farmers are helping meet the food shortage as best they can. Agricultural production is fairly high, in spite of the complications caused by reconversion problems and a shortage of transportation and equipment.

After our air trip from New York, we started our tour of British farms in the county of Hertsfordshire.

We were told the average net income of farmers operating 200 to 300-acre farms in that locality is about 600 to 700 pounds a year ($2,400 to $2,800).

At our first stop, we saw a large herd of dairy cows, mostly of a Milking Shorthorn type known as Lincoln Reds. They were being fed a mixture of dried ground hay and a pellet supplement. The cows appeared to be in good condition and were carrying considerable flesh.

This operator also had about 15 sows. They were purebred Essex, which look something like our Hampshires. They were being fed a mixture of barley meal and condensed kitchen waste.

At another place, we saw one of the country's prize herds of Ayrshires. The cattle appeared to be in mighty fine condition. In addition to farm-grown feed, they were

Kids Are autograph hunters in England, too. H. L. McKinley, Mitchell county, Iowa, obliges Margaret Stovold during a visit to Stovold farm in Surrey.

getting some distilled grain and barley left over from brewing.

In the county of Surrey (they pronounce it "Sorry"), we visited farms that were smaller and more nearly average for their community than those previously seen.

One Surrey farmer, operating 125 rented acres, gets an annual income of about $1,900 from 40 dairy cows. He uses a little maize (corn) for feed, plus brewers' grains, grass silage and turnips.

Oat yield here was 16 to 18 sacks (about four bushels per acre). Autumn oats yield best on heavy land; spring oats are best on light soil. The oats have long straw and are harvested in early August.

Heading northwest from London, we traveled thru a colorful countryside of small pastures and fields. Grass was all cut and in bins or stacks. Bundled oats were stacked and thatch-covered.

Moving on to Scotland, we left the large rectangular oat stacks behind. Scottish stacks of oats were cylindrical and tall, with steep, sloping sides thatched over.

We saw so many stone fences in Scotland that it made our backs ache to think of the labor that went into their building.

Near Glasgow, we visited a typical grass farm. The usual rotation is oats seeded to timothy and rye grass, with rye grass and timothy the second year and timothy alone the third. Pastures were rye grass, white clover and cocksfoot.

Average farm in the Glasgow area is 100 to 150 acres. The taxing system puts a premium on renting instead of ownership.

Land taxes are light, but owners pay a heavy tax on income from the farm. The renter pays only a light tax on his personal property.

Usual rental period in Scotland is 14 years. The standard of farming appears to be much higher in Scotland than in England.

Gross farm incomes range from about $2,200 up to $5,000, depending upon the size of the farm.

Most of Scotland's dairy herds are near Glasgow. The beef herds are to the east and south. Most dairy herds are free of tuberculosis. Calfhood vaccination is used at six to 18 months of age. Penicillin is used to control mastitis.

Almost all the milk in this area is marketed by producer cooperatives.

Not a jury of 12 men—but a total jury of approximately ½ MILLION farmers have tried DeKalb Hybrids and use them year after year. This speaks of but one thing—SATISFACTION.

There are many reasons for DeKalb's steady growth in popularity. One of the most important is the COMPLETE "A to Z" PROGRAM of building Better Hybrids which is under DeKalb's own STRICT CONTROL. *Seed corn is DeKalb's business—not a side line.*

Security of seed supply is another reason. Widely scattered DeKalb seed production reduces the risk of a total crop loss.

And there's DeKalb's 64 PROVED varieties from which to choose—a type to fit most every weather and soil where corn is grown.

DeKalb's dealer service is also important. Dealers are trained to know corn—how it's made—how it should be grown—how it can help solve your problems.

Add to all this, the fact that 19,859 contestants in the DeKalb National Corn Growing Contests, from 1941 to 1946 averaged 96.58 bushels per acre on their selected 5-acre contest plots, and you have just a few of the many reasons why More Farmers Plant DeKalb Than Any Other Hybrid Corn.

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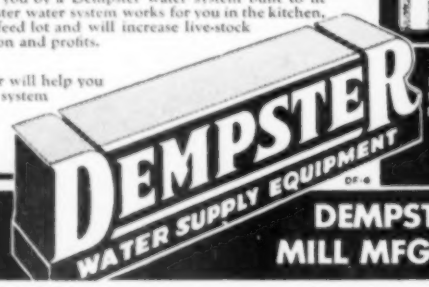

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Get a *MARLOW MILKER* for MODERN MILKING

J. C. Marlow Milking Machine Company
Dept. I — MANKATO, MINN.

Jesse Adams and his wife, of Appanoose county, Iowa, started on a bare, rundown eighty, 20 years ago. Today, it is a well-improved, fertile dairy farm. Quincy, their son, shown at left above, manages the farm and the herd of purebred Jersey cattle.

Good Calf Care Means Better Cows

Dairymen Say the Way You Select and Raise Heifer Replacements Influences Production

THERE are several ways to build up a high-producing, profitable herd of dairy cows. You can go out and buy tested high-producing cows, if you have lots of cash.

But most dairy farmers prefer to do it the way Lee R. Benz, Appanoose county, Iowa, has done. He's raised his own heifer calves, tested and culled the cows, used production-bred bulls and seen his herd average go steadily upward.

He didn't have much to start with, either. In 1939, he had six heifers, half Angus and half Jersey. These and an FSA loan were about all he did have.

Today, he milks an average of 17 cows, that ranked third in the Appancose County Dairy Herd Association, with an average return above feed cost of $230 per cow for last year.

Along the way, Mr. and Mrs. Benz raised lots of hogs, bought and paid for a quarter-section farm, accumulated a milking machine, milk cooler and other good dairy and farm equipment.

Their FSA (now FHA) loan has long since been paid off.

Benz took good care of his calves, grew them into high-producing cows.

He doesn't recommend starting a dairy herd with heifers that are half-blood Angus, but they are what he had, so he used them.

He has always used a Guernsey sire with a high-production background. His herd now consists mostly of first and second generation daughters of the original Angus-Jersey heifers.

Four third-generation daughters are on test now in their first lactation, and hit almost 60 pounds of fat the first month.

Point No. 1 is that Benz used a production-bred sire.

Point No. 2 is that DHIA records give him an opportunity to cull his herd, save daughters from the best cows, and get rid of low producers.

Point No. 3 is that he takes good care of the heifer calves so they will have a chance to grow into high-producing cows.

Calves that must battle disease, that get pot-bellied thru improper feeding, can't be counted on to put profits in the milk pail as cows.

Benz starts the calves with the colostrum milk. At the tenth milking, they go on whole milk. He figures overfeeding is worse than underfeeding, so they don't get too much whole milk. But they get it until they are two months old.

By then, the calves are usually eating grain and hay. Benz doesn't like to continue with skim-milk. He says it makes too many pot-bellied calves.

Ground corn and oats are offered the calves from the time they are 10 days old. They get started eating early, and are not set back when the whole milk is taken away.

The heifers are fed grain and hay in a dry lot for a year. During their second year they go on pasture, don't get very much grain.

"Calves born after February do not get out on grass until they are yearlings," Benz says. "If they come earlier than that, I sometimes let them out in late summer."

You have to keep a constant watch for scours and other calf diseases. Sanitation is just as important with calves as with pigs. Harry Reese, Adams county, Iowa dairyman, has the right idea when he says: "Keep the calf pails as clean as the milk pails."

Calves need dry, well-lighted pens with adequate fresh water all the time.

Another exponent of milk cows

Don't overfeed a young dairy calf, says Quincy Adams, Appanoose county, Iowa. These act hungry, supporting his statement.

and good pastures in Appanoose county is Jesse Adams, veteran Jersey breeder. Last year, his herd was first in the county DHIA.

Adams is also a firm believer in testing. Before there was a DHIA, he bought the equipment and regularly tested his dairy herd. Now the DHIA records show an average butterfat production of 442.9 pounds, with a return above feed cost of $244.33 per cow.

Recently, Mr. and Mrs. Adams turned their herd over to their son, Quincy. Not all of the cows were raised on the farm. But the heifers they raised played a major part in building up a herd that not only produces well, but wins blue ribbons at the State Fair and other shows.

Adams warns against feeding too much fattening grain, like corn, to heifer calves. It shows up in the production, he says.

Mr. and Mrs. Adams have eight children, seven boys and a girl. They've all raised 4-H calves. "Too often," says Adams, "I've noticed we got the 4-H calves in pretty good flesh for shows, then they didn't milk like they should the first time."

He likes to feed a little corn, lots of oats, a little supplement and hay after the calves have been weaned. Calves under six months don't get any pasture, especially in the spring, when the grass is washy.

Like lots of other dairymen, Adams dilutes the whole milk he feeds to the calves. But he warns against diluting the milk with cold water.

There are many times when you are milking that the milk for the calves cools off. So Adams stirs in some warm water. Feeding milk which is at the right temperature helps prevent digestive disturbances.

"The way you grow your calves has a great deal to do with the way your cows will look and produce," he says.

Adams keeps the baby calves a little hungry. Not only is that a sign you're not overfeeding, but it helps them get started eating grain, he thinks.

Both Adams and Benz like bright, high-quality hay for their calves, but they shy away from alfalfa. "Either alfalfa or straight red clover is a little bit likely to scour the calves, so I like good mixed hay for calves," one of them said.

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FRED KLEEZNER,
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"We marvel at the number of pigs farrowed, the weight at farrowing time and the weight reached at weaning time when our herd is fed the Ful-O-Pep program. The Champion Litter contained 9 pigs; they weighed 3.8 pounds at farrowing, 68 pounds per pig at 56 days and 245 pounds at 180 days."

(*Signed*)
John N. Neely.
Neely Hampshire Farms
Arlington, Texas

Champion Pen of Barrows at the 1947 Fort Worth Show, raised on Ful-O-Pep by Neely Hampshire Farms. Mr. Neely also had the Reserve Champion Litter at Fort Worth.

Rich Vitamin Sources in Ful-O-Pep Help Promote Fast Gains, Strong Bones and Big Frames!

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HOG MEN WITH AN EYE TO PROFITS are finding there's a new easy way to build big litters, promote fast, early gains and have heavy pigs at weaning time. It's the Ful-O-Pep Way, with Ful-O-Pep Pig-N-Sow Feed and Ful-O-Pep Pig Starter. Here's how it works: Feed Ful-O-Pep Pig-N-Sow Feed in equal parts with oats, beginning even before the sows are bred, straight through until the pigs are weaned. Then, give young pigs an added boost by feeding Ful-O-Pep Pig Starter in creeps from the first week until weaning time. And for a money-making concentrate to supply what grain lacks to put on fast gains at low cost, feed Ful-O-Pep 40% Hog Feed Concentrate!

FOR MORE INFORMATION about these profitable Ful-O-Pep Feeds for hogs, see your nearest Ful-O-Pep dealer, or write for the 24-page illustrated Ful-O-Pep book on pork profits. It's free . . . just send your request to The Quaker Oats Company, Dept. J-65, Chicago 4, Illinois.

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U. S. SAVINGS BONDS BOUGHT NOW MEAN SECURITY LATER

Tips for October

HAY AND SILAGE should be self-fed in outside racks or bunks when weather permits. Harland McCormick, Lucas county, Iowa, finds that it saves time and labor. It eliminates cleaning barns, too.

▲ ▲ ▲

YOU CAN'T AFFORD to take the time to hand-feed growing or fattening hogs. Raymond Severin, Cedar county, Iowa, self-feeds in feeders big enough to hold a whole load of grain. That means a capacity of 200 bushels for a truck or 75 bushels for a wagon.

▲ ▲ ▲

PREGNANT SOWS are no exception to the self-feeding rule. Use one of these mixtures: (1) Ground corn and alfalfa hay; (2) hand-fed ground corn, to avoid excessive fatness, and self-fed oats and alfalfa hay, or (3) hand-fed corn and self-fed ground oats and alfalfa mixed.

▲ ▲ ▲

CORN-PICKING TIME is almost here. Here's an idea to try this year: Several central Iowa farmers set up temporary gates and fences for livestock. That way, gates don't have to be opened and closed with every trip from field to crib.

▲ ▲ ▲

HOLD OFF HUSKING soft corn to be cribbed. Iowa State College agricultural engineers say that corn in the field will dry as much in one good drying day as in 10 days in the crib.

▲ ▲ ▲

ALFALFA IS GOOD hog feed. Lee Hill, Warren county, Iowa, feeds his breeding stock 50 per cent ground alfalfa hay mixed with corn. He says it saves high-priced grain. And it gives him more thrifty pigs, too.

▲ ▲ ▲

KEEP DAIRY COWS out of corn stalks. Mark Collier, Muscatine county, Iowa, runs his young stock and dry cows in the corn fields. Cows in milk can't get sufficient feed from a stalk field to hold up their flow of milk.

▲ ▲ ▲

SEED RYE for spring feed. Farmers short of feed can seed rye for early spring hog or cattle pasture.

▲ ▲ ▲

DON'T SHOCK pullets by making changes. Keep management of the pullets on an even keel after laying starts. Too many changes will cut egg production.

STORE YOUR FEED in the poultry house. Howard Van Wyngarden, Jasper county, Iowa, built a feed bin right in his laying house. He says it saves him a lot of steps at feeding time.

▲ ▲ ▲

LAY OUT CONTOUR lines this fall. Field layouts made during the slack season will save time next spring.

▲ ▲ ▲

HEN HOUSE LIGHTS should be turned on in October. Egg production begins to lag in the fall. Shorter days mean less time for hens to eat. F. E. Ferguson, Story county, Iowa, has found that electric lights in the laying house will step up egg production.

▲ ▲ ▲

BE SAFE instead of sorry! Be sure that all guards and shields on the corn-picker are in place. Check the power take-off guard. Keep hands, feet and clothes away from revolving snapping rollers. Don't wear ragged clothing, torn coats or frayed trousers. They are easily caught in moving parts of the picker.

▲ ▲ ▲

KEEP AFTER WEEDS. Several Humboldt county, Iowa, farmers continue fallowing noxious weeds until heavy killing frosts. Use duck-foot shovels or spring-tooth harrows.

▲ ▲ ▲

GET BEDDING in the hog house. Elwin Herkelmann, of Clinton county, Iowa, hauls bedding into his hog house early in the fall. Then it is handy when the weather turns wet and bad in the fall.

▲ ▲ ▲

SELECT GILTS for spring pigs. Wiltse McWilliams, of Greene county, Iowa, picks out his gilts for the next spring in early October. That way, he gets the best ones out of the lot.

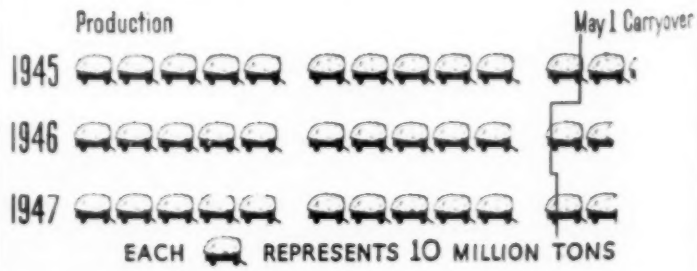
▲ ▲ ▲

BERNERD COLLINS, of Wright county, Iowa, feeds his breeding stock a mixture of half ground alfalfa and half corn. He likes this mixture because it saves high-priced corn, bulks up the ration so the sows don't get too fat, and makes a nutritious feed.

▲ ▲ ▲

PREVENT FIRES before they begin. Clean and repair chimneys. Check and repair roofs to reduce danger of fire from sparks. Use care in burning weeds and trash around buildings and fences.

U. S. HAS PLENTY OF HAY



Feed Grains will be scarce and high-priced this winter. However, we will have more hay per head of livestock than in a long time. So use hay instead of grain wherever you can do so.

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OUTSIDE STUFF

I CAN remember taking onion juice for coughs when I was a boy. My mother would slice up a bunch of onions, cover them with sugar. The juice was supposed to be helpful for coughs and colds. I remember I liked the taste of it.

• • •

BUT I never thought of using onion juice to kill weeds. However, experiments at the Michigan agricultural experiment station indicate that a 2, 4-D solution with an addition of specially treated onion juice is much more potent.

The 2, 4-D solution not only went farther. In some cases it was 10 to 20 times stronger in weed-killing effect. Research is continuing, so don't start to smash onions until more data is obtained.

• • •

THIS year, at the Dairy Cattle Congress, Wallaces' Farmer and Iowa Homestead made awards to the owners of six dairy bulls that have exceptional ability to transmit high butterfat production to their daughters.

• • •

WE GIVE the award to the top 10 per cent of the proved bulls. With six pictures of the bulls, we couldn't tell much about them in the story on page 12. But these bulls have quite a history.

If you want to know more about their records or pedigrees, their owners will be glad to tell you. Or write us, and we'll give you all the information we can.

• • •

"PASTURES have to be fed, just the same as cows have to be fed," says Lee R. Benz, a farmer of Appanoose county, Iowa. And you can really see the results of your work when you feed your pastures. Farmers living in the southern section of Iowa will tell you that improved and renovated pastures will carry all the way from two to six times the livestock that you can carry on old, weedy, permanent pastures.

• • •

THESE men may be a little overenthusiastic at times. But a lot of farmers in southern Iowa are doing a swell job of pasture improvement. It's worth a trip there if you are interested in getting bigger returns from grass. The returns from pasture are not as amazing as the way some of these new legumes and grasses heal up old gulleys and restore fertility.—W. D. I.

CORN GAVE COURAGE BUT NOT SAFETY... AND SPANISH BULLETS SLAUGHTERED INCA WARRIORS

During the sixteenth century invaders from Spain landed on the coast of South America to seek the wealth of the Incas, fabulous Peruvian kings. As the Spanish adventurers drove inland, fanatical Incan warriors defended to the death the passes to the sacred Island of the Sun, a remote citadel in Lake Titicaca, high in the Andes.

But Spanish gunpowder and armor finally prevailed against bows and spears. And at the waist of each dead Incan warrior was found a small pouch containing a single blood-red kernel of corn . . . a magic charm that failed.

With the Incas slaughtered or enslaved and the lesser treasures funneled off, the Spaniards reached their goal to find, not gold and precious jewels . . . but corn. In carefully tended ground on the Island of the Sun, more than two miles above sea level, Incan priests grew the small, red 3½-inch ears—sacred corn which the Peruvian warriors were told would protect them from all harm.

The last Incan ruler was beheaded in 1571 and the glory and pageantry of the Incas is long gone from the Island of the Sun. But the sacred corn still is grown in the Andes valleys as a living reminder of the permanent qualities of the crop that makes America great.

"MAGIC KERNELS" OF FUNK'S G

Remember, all the benefits of Funk's Nation-Wide Corn Improvement Program go into every kernel of Funk's G-Hybrid seed. Despite an unfavorable seed producing year, your Funk's G-Hybrid Dealer is proud to be able to continue to bring you these advantages.

If he does not have available in regular kernel sizes the strains that he recommends most highly or that you prefer, he will suggest that you use a special kernel grade to secure these advantages for your crop. Shape of the kernel makes no difference. All G-Hybrid grades, including rounds and special flats, have the same "Tru-Drop" accuracy with the correct plates. All give you a stand and crop that's Consistently Good . . . Year after Year!

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Everett Mitchell, America's foremost farm radio commentator, tells an interesting Story about Corn every week on these stations:

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WMT,	Cedar Rapids	6:45 a.m. Mon.
KSOO,	Sioux Falls	12:15 p.m. Sun.
WOW,	Omaha	12:15 p.m. Sun.
KGLO,	Mason City	7:00 a.m. Sat.
KFEQ,	St. Joseph	7:00 p.m. Thur.
WLS,	Chicago	11:45 a.m. Sat.

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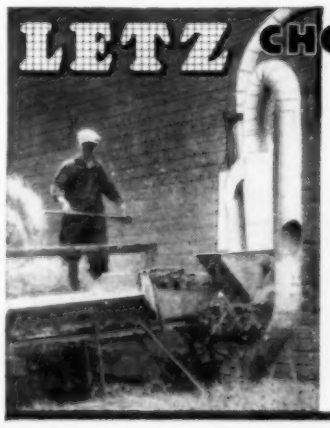

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Osage Orange Was "Nutty" Idea

Farmers Have Tried Many Theories That Failed to Work Out in Actual Practice

By DAN A. WALLACE

Forgotten Ideas

In my day, I have seen and heard of many ideas about farming that seemed very good in theory, but which did not seem to work in practice. They were just "nutty" ideas, as the youngsters would say.

Years ago, for instance, farmers all over Iowa and Illinois got the idea of planting osage orange trees for fences and fence posts. I can still remember those rotting green mock oranges and the thorns. Eventually, they were torn out.

Then there was the time when farmers were supposed to grow their own fish—German carp—in their own artificial fish ponds. The ponds are gone, but we still have the carp to pollute the northern lakes and rivers.

Many of you can remember when even the U. S. Department of Agriculture studied the idea of setting up back-yard distilleries on the farm to turn waste into alcohol. Now, you think of one!

High Energy Country

A few years back, I visited the agricultural college at Lubbock, in northern Texas, of which the late Dr. Bradford Knapp, ex-Iowan and son of Dr. Seaman Knapp, was president.

He termed northern Texas, New Mexico and Arizona the "high energy" belt of the United States. These are the states where many northerners go to get well from such diseases as tuberculosis and arthritis.

"There is a spark in this country that you do not find anywhere else," said Doctor Knapp, as he cautioned me to drag a chain attached to the rear axle of my auto, "to take the static electricity out of the car."

Perhaps the spark in the air explains why the radiator in the car froze up because the alcohol bubbled over with an energy that makes necessary other forms of anti-freeze.

Detasseling "Slickers"

I once knew a Minnesota farmer who wrote for the "mail-bag" columns under the name of John Corntassel. He told me of a racket he had for making a considerable income on his 10-acre farm, which overlooked a popular fishing lake visited by city tourists.

John planted his small acreage to watermelons and muskmelons. Then, of nights, he would sit out in the patch with a shotgun. Mr. City Tourist would come driving along, perhaps with his son. "I'll show you how I used to steal melons when I was your age," Pop would say.

But times, he soon discovered, had changed. Up popped Farmer Corntassel to confront the red-faced melon stealer who had accumulated a green melon that did not "plunk."

Maybe John was fibbing a bit, but he said he could prove his craftiness in exacting exorbitant prices for his melons.

New Road To Health

Members of the Manitoba Wheat Pool have set out to do something about better health for farm people, particularly farm mothers and children.

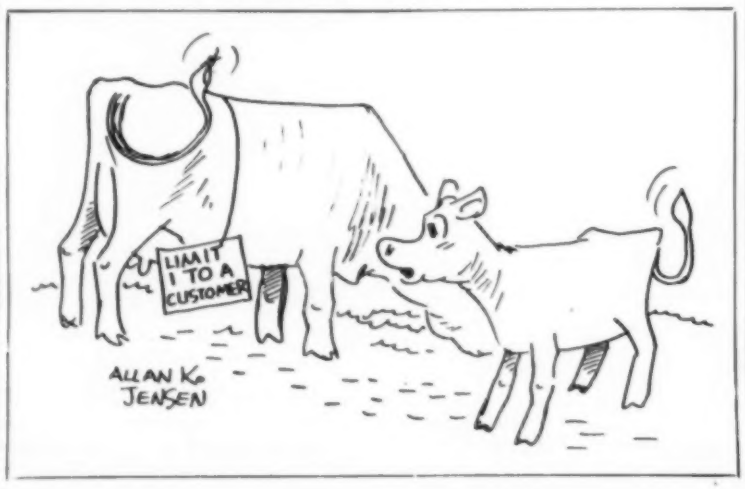
No farm family in Manitoba, the pool has decided, should be more than 15 miles away from a doctor and hospital care. So the pool, in cooperation with dominion and provincial health authorities, has set out to get more hospitals and more doctors.

Provincial grants and local taxation, when necessary, will supplement the $250,000 set aside from the annual surplus of pool funds.

Large provincial and regional hospitals will be set up for diagnosis and care of serious cases. There will be community health centers and small cottage hospitals for visiting clinics. Pensions will be set up to attract good doctors to rural areas.

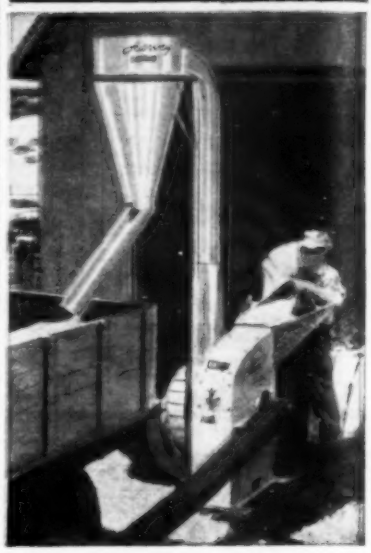
Here and there, in the United States, an approach to this idea has been made thru community cooperative hospitals. However, private medicine bars the way in many states by limiting the size of hospitals and by other restrictions.

But getting well and keeping well at a cost that people can pay is too important a question to be quickly dropped.



HOW TO MAKE A SHORT CORN CROP GO FARTHER

... feeders say — "4 bushels of corn equal 5 in feeding value when ground."



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"Here is a hammer mill," say users, "that will grind more feed per horsepower per hour than any mill we've ever known." Yes, the HARVEY Red Hed will do just that—and it grinds thoroughly, too. If you compare it with other hammer mills, point by point, you'll find the HARVEY is the greatest hammer mill buy on the market today.

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DETROIT

Soil Tests made in their own local laboratory tell Whiteside county, Illinois, farmers what kind of fertilizer their soils need. This is one of nearly 70 county labs that are now operating in Illinois.

Illinois Takes Soil To The Doctor

County Testing Labs and "Soil Clinics" Help Farmers Plan Fertilizer Program

WOULD you take a spoonful of medicine without finding out first whether it was good for what ailed you?

Neither would the farmers in Whiteside county, Illinois. And they don't treat worn-down soil, either, until they have taken it to the doctor.

Whiteside is one of the nearly 70 counties in Illinois which have installed their own soil testing laboratories within the last three years.

These laboratories give farmers a "doctor" close to their home to whom they can take ailing soils for diagnosis.

Just about every field in the state of Illinois — as in Iowa — needs some kind of commercial plant food. But fertilizer is scarce, and it costs money. Unless a man knows just what his soil is short of, he is quite likely to waste his cash. That is where soil testing comes in.

But testing alone doesn't give all the answers. Test results need to be interpreted in the light of the cropping history of a field. The doctor must have all of the facts before he can recommend a cure.

Whiteside county thinks it has that problem licked, too.

Here's how it works:

The farmers carefully gather samples of the soil which they want tested, and take those samples to the county laboratory. For a fee of 35 cents per sample, the soil is tested for acidity, phosphorus and potassium.

The testing is done by a technician trained at the University of Illinois.

But that's just the first step. With his soil samples, the farmer sends along a brief history of the field from which the samples were taken.

From this data, and from the results of the soil test itself, the county extension agent is able to make recommendations on what kind of plant food, and how much, the soil needs.

It's this part of the whole plan which Whiteside County Farm Adviser Frank Shuman likes best of all. Shuman is a sort of soil evangelist who likes to complain that too many farmers follow a three-year rotation of corn, oats and gasoline.

Every week or so, Shuman conducts a "soil clinic" with the farmers who have had soil tested since the last clinic was held.

At this clinic, he goes over the soil tests with each of the farmers concerned, and makes recommendations for buying and applying the fertilizers they will require.

Shuman and other Illinois county agents say that the county soil laboratory system has greatly speeded up the testing of soils in that state.

Farmers, they say, don't like to go to the trouble of sending samples to a central state laboratory, such as is maintained in Iowa.

Records on file at the University of Illinois bear out this view. There have been something like 30,000 soil tests made each year in Illinois. This figure compares with a total of less than 10,000 tests made in Iowa since the spring of 1946.

But county laboratories have their drawbacks. A complete soil test is difficult. And it's hard to keep trained technicians on duty in 70 county labs all the time.

In Illinois, this problem is tackled thru frequent check samples sent to county labs by soils experts at the university. This gives them an idea of how good a job the technicians are doing.

But some Illinois soil men think a system of regional laboratories would be better. They would be big enough to support top-notch technicians. But they would still be close enough to home that a larger number of farmers would bring in their soil samples to be tested.

Whatever the system, Illinois farmers know that buying fertilizer without first testing soil is like shooting in the dark.

At today's high prices, can you afford to feed 5 bu. of whole grain when 4 bu. ground may go just as far? Or get only 100 lbs. of meat or milk from the same feed that gives 125 lbs. when properly ground? Experiment station tests reveal gains up to 25% with some crops.

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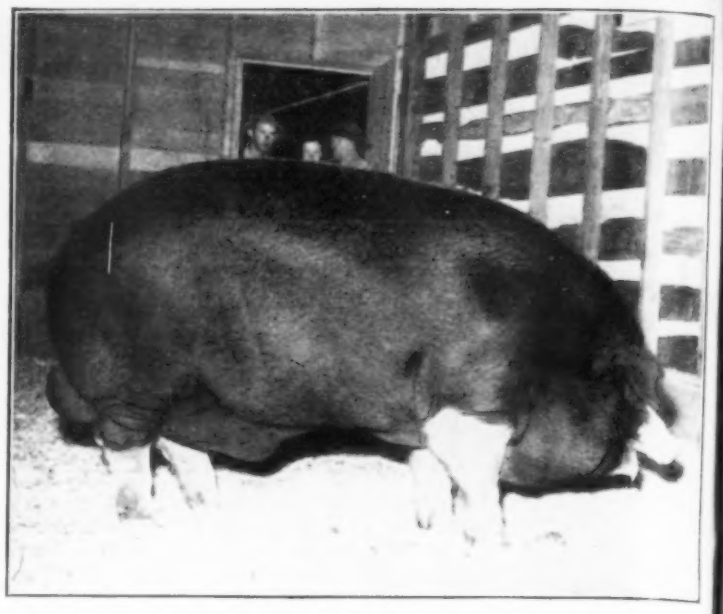

Grand Champion Poland China boar at Clay County Fair was exhibited by Roy Kannenberg, Spirit Lake, Iowa.

Big Entry List At Clay County

Livestock Entries Crowd Barns As Record Crowds Attend the Annual Fair at Spencer

MAYBE it took the Clay County Fair to bring rain to Clay county and northwest Iowa. That's not all the fair brought—it also brought huge crowds, big industrial displays and hundreds of head of choice livestock to Spencer during fair week.

And, for Joan Snyder, who scored a grand slam in the championships for 4-H baby beeves, it brought 80 cents a pound for her Hereford grand champion and 50 cents a pound for her Angus reserve champion.

They were the top calves picked from a total of more than 600 4-H entries.

The cattle barns were full at the Clay County Fair. In fact, lack of barn room held down the number of entries. Some breeders couldn't get in at all.

Clausen Bros., Spencer; Robert Logan, Spencer, and Dewar Bros., Cherokee, dominated the Shorthorn cattle show. The Clausens had both the bull and the female championships.

Hereford honors were more divided, but Ed Wiese & Son, Manning, copped a double win, getting both bull and female championships and reserve championships. Other blue ribbon winners were P. M. Christenson & Son, of Lone Rock, and F. P. Westcott, of Denison.

The beef cattle judge, Carl A. Oldsen, of Denver, Colo., pretty well distributed Angus honors between O. & R. Farm, Scranton, and Wayland Hopley, Atlantic. Henry Bros., Kingsley, and L. W. Larson, Greenville, also won blues in the bull classes. O. & R. had the senior bull championship, with Hopley taking junior and grand. Hopley had junior, senior and grand champion female.

Arthur L. Anderson, Ames, and Albert Stuart, Newhall, tied the ribbons in the hog show. Anderson placed the Poland Chinas, Durocs and Spotted Polands, while Stuart judged the Chester Whites, Hampshires and Berkshires.

In the Poland classes, Roy Kannenberg, Spirit Lake, had senior and grand champion boar. Eugene Dugan, Storm Lake, had junior champion boar, senior and grand champion sow. Arlington Farm, Rock Rapids, had junior champion sow. O. D. Larson, Clarion, won several blues.

Senior and grand champion Duroc boar was exhibited by A. J. Cacke & Son, Sibley. Elmer Wibley, Vincent, had the junior champion boar. W. H. Helmke & Sons, Renwick, made a clean sweep of the sow championships. Corwin C. Peer, Algona, and Iowagold Farm, Woodward, also had first prize winners.

B. F. Held & Son, Hinton, made a clean sweep of the Chester boar championships and had the junior champion sow. Senior and grand champion sow purple went to R. A. Riemenschneider, of Kingsley. Warren Mead, Webb; Clarence Smith, Jr., Primghar, and James LeStrange, Terril, divided other blues.

In the Hampshire classes, a clean sweep was made by Emery Riemenschneider, Pierson, with all three boar and all three sow championships.

Emery's wins were not for lack of competition, however. Darrell W. Newlin, Armstrong; Lyle Clinton, Early, and Maurice Weitz, Webster City, had blue ribbon winners.

In the Spotted Poland ring Keith Bogh, Le Mars, drove the senior and grand champion boar. Vernon Irlbeck, of Templeton, had junior champion boar and junior champion sow. Senior and grand champion sow went to W. E. Irlbeck, Templeton. Kenneth Dingle, Ocheyedan, and Eugene Rouse, Ayrshire, also won first awards.

In the Berkshire show, T. W. Conover, Holstein, had both grand

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16 Apples, 6 best sort, 5 ft.	5.50
2 Ohs Sweet Cherry Plums, 3-4 ft.	2.00
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Double win. Joan Snyder, 16, of Linn Grove, Iowa, had both grand and reserve champion baby beef in the district show at the recent Clay County Fair.

championships on his junior champion boar and senior champion sow. Senior champion boar was driven by Melvin Barnhardt, Pocahontas. Junior champion sow was exhibited by Delmar Jensen, Emmetsburg.

Paul W. Mitchell, of Reinbeck, placed the strong Milking Shorthorn classes. Hilmer H. Larsen, Wallingford, walked off with the junior, senior and grand champion bull awards. Clarence J. Vochel, Lakefield, had senior and grand champion cow, while Donald Root, Graettinger, led the junior champion female.

R. E. Perkins, Estherville, and Walter Kruse, Sheldon, scored in the bull classes.

Dr. C. Y. Cannon, Ames, lined up the Holsteins, Guernseys and Brown Swiss. Paul W. Goff, Ruthven, had all three bull championships and junior champion female. Herbert C. Campney, Emmetsburg, had senior and grand champion cow in the Holstein classes.

Iowagold Farm, of Woodward, made a clean sweep of the Guernsey show, with the exception of first prize senior yearling bull, which went to Glee Lloyd, Terril.

MarSal Farm, Spencer; Hans Wunder & Son, Milford, and Martin Johnson, Terril, battled it out in the Brown Swiss classes, with MarSal getting senior and grand champion bull. The Wunders had senior and grand champion female.

In the sheep show, placed by C. W. McDonald, of Ames, Clayton Moses, from Kasota, Minnesota, invaded Clay county and took home a bunch of ribbons.

Moses won the purple for Shropshire ram and ewe, Hampshire ram, and Southdown ram and ewe. Earl Klingman, Waterloo, had champion Hampshire ram. Both of the championships in Cheviots and Oxford Downs went to R. E. Pullin's Sons, of Waterloo.

Bill Michaels, Clay county, had the champion 4-H market pig, a Hampshire, which sold for 47.5 cents a pound. Champion market litter went to Bob Bodenhamer, Spencer, on his Chester Whites. He had sold his Iowa State Fair first prize FFA market litter at Des Moines, but had this litter in reserve for the Spencer show. They brought $36.50 per hundred.

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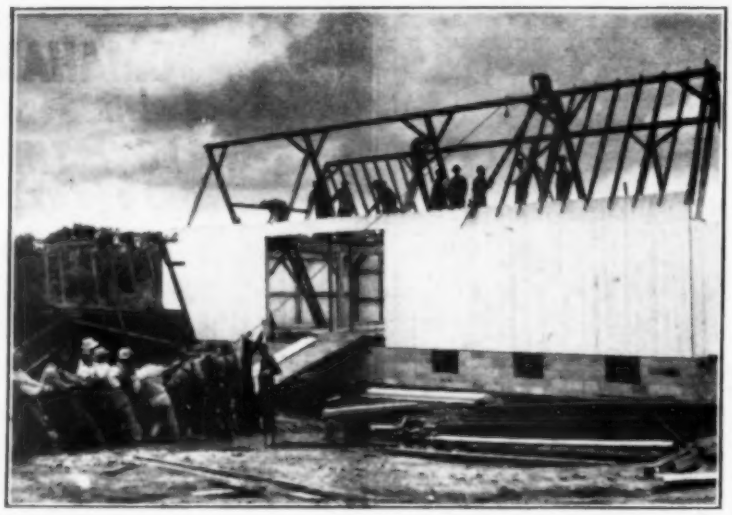

Barn Raising has been a good-neighbor project in farm communities since pioneer days. In this 1947 version, neighbors help put up new barn on Robert Espe farm, Winneshiek county, Iowa. It was a one-day job, and wives came along to help feed workers.

Who Will Get Farm When You Die?

You Can Save Your Family a Lot of Trouble By Putting Your Personal Affairs in Order

ARE your personal affairs in order? Will your survivors know where to find your papers in the event you should suddenly die?

Putting affairs in order is important. What is meant by "personal affairs"? That is a good question. It means insurance papers, deeds, mortgages, stocks and bonds, a will, inventories — any material information which might be needed by your survivors.

What is meant by "in order"? Another good question. It means to have the material up to date and in a place that is safe and fireproof and where responsible members of your family can find it.

A safety deposit box at the bank, the safe in your lawyer's office, or even a fireproof strong box at home are possible locations for all of this material.

What papers do you need? First an inventory of all your possessions. Maybe all you own is a 1928 car and an antique dresser. Or maybe you're harnessed to 320 acres of land and 100 head of livestock. In either case, you should make a list of the things you own.

Your inventory should separate real and personal property. All land and improvements are classified as real property. Livestock, farm machinery, tools, savings, stocks and bonds, are personal property.

What becomes of your property when you die? To answer that question, you should write a properly executed will with your signature witnessed by two people who are permanent in your community (that is, who are not likely to move away).

In planning your will, call a family conference. Decide and agree what you want to do. Make notes of these agreements before you consult a lawyer. Don't wait until you are in the lawyer's office to decide who'll inherit grandma's garnets.

When you write your will, be specific and careful and fair. Try to think of problems that might arise. It is the small, unfair provisions that frequently cause the most trouble.

But don't bind your heirs with unnecessary restrictions. Remember, conditions change with the years, and it is better to trust the judgment of your survivors than to set up provisions which may not fit the farm situation 30 years from now.

Remember, too, that a will can be changed. Frequently it should be. As land is sold, as members of the family are born, marry, die, a will must be brought up to date.

For this reason, you should always have a copy of the will so you can check it from time to time. Addition of a paragraph of change (also properly attested by two witnesses) is all that is necessary to change a will.

Witnesses need not know the provisions of a will. All they need to know is that they are witnessing the signature of a document which is a will, and they must see the signature as it is written. This also applies to the witnessing of codicils (the paragraphs changing a will).

It is advisable that a spouse be informed of the contents of a will, but beyond that there is no need for the provisions to be known.

It is not wise to write your own will or to use printed forms. It is smarter to pay the $10 to $25 a good lawyer will charge to see that your wishes are followed and that the legal document is properly drawn.

Don't fail to name an executor of your affairs. He may serve with or without bond. Inclusion of that phrase will save your wife or husband court orders and long legal proceedings in handling your affairs. This is especially important if you have minor children to be raised.

This whole matter of getting your personal affairs in order should not be neglected. Check on yourself right now.

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J.O. St. John, Xenia, Ohio

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Twenty years ago, his 117-acre farm produced only 40 bushels of corn per acre. But after fencing the farm, adding legume pasture to the rotation, and stocking the farm heavily, crop yields began to improve. Last year, corn averaged 91 bushels per acre, and the farm carries 150 hogs and 20 dairy cattle besides.

This year, 250 rods of hedge fence is being replaced with woven wire Red Brand, adding a 2-rod strip to the crop fields. "Woven wire is easier to maintain and is hog tight," says Mr. St. John. It pays to use Red Brand fence because it lasts longer and costs less in the long run."

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Service Bureau

Can Make Silage From Shredded Fodder

To the Editor: Would it be practical to refill my silo later this fall with silage made from shredder fodder or corn fodder?—H. J. B., Marion County, Iowa.

Silage can be made from corn fodder, by adding lots of water. We suppose you have filled your silo and are going to feed out the silage made from green corn, then refill with fodder.

Several other farmers plan on doing the same thing this fall and winter.

Such silage is not quite as palatable as silage made from green corn, but it is readily eaten by livestock.

Even with plenty of water added, the silage must be tramped well. Some have recommended the addition of enough water to equal the weight of the corn fodder. The water will be more evenly mixed with the fodder or stover if a stream is run into the blower.

Still more water will have to be sprinkled over the stover in the silo as it is filled.

Silage made from shredded fodder, or stover, is used chiefly for wintering dry beef cows or stocker cattle because the ear corn is removed by the shredder. Silage made from fodder would be more valuable, since it would have the corn in it.

In either case, there will be less waste than in feeding the dry fodder or stover.

This Building Should Be Grounded

To the Editor: We have a new 70x26 machine shed that is constructed entirely of sheet metal. Do you recommend that I put lightning rods on this building? — R. A. F., Buena Vista County, Iowa.

No, it is not necessary to put lightning rods on your steel machine shed. But it is necessary to ground the roof thoroly at opposite corners. Connect a regular lightning rod and ground to the lower edge of the roof at each corner, using a clamp or rivet and solder.

Farmers Bulletin 1512 of the United States Department of Agriculture explains how to ground buildings with metal roofs.

"I know I said I couldn't work on an empty stomach, but I can't work on a full one, either."

What the Veterinary Profession Means to Mankind

Your FIGHT ON MASTITIS

*Above — Cross-section of udder showing delicate milk-secreting system

LIKE A BAD APPLE in the barrel, just one mastitis cow may soon infect your entire milking string. Yet it isn't easy to stamp out this treacherous disease—because it occurs in varied forms, from different causes. What works in one case may be useless in another. That is why Michigan State College recently announced that . . ."for these reasons veterinary care is essential. We urge each dairyman to *consult his local Veterinarian early.*" Don't trifle with mastitis. Experimenting, gambling on "easy cures," may cost you enormous milk losses. Get the help of your Veterinarian and go after this disease with all the skill that modern science can give you.

AMERICAN FOUNDATION FOR ANIMAL HEALTH
UNDER THE SPONSORSHIP OF ASSOCIATED SERUM PRODUCERS, INC.

Why ALL THAT EXTRA COMFORT and WEAR? THAT'S EASY TO FIGURE OUT!

No Other Work Gloves in the World Like
WOLVERINE HORSEHIDE HANDS

• Right! It's that exclusive secret Wolverine tanning formula that makes this tough horsehide work glove leather so buckskin-soft—yet holds all its natural strength and wear. No other work gloves in the world like Wolverine Horsehide Hands. Dry soft—stay soft—but oodles of extra wear! Have you ever worn a pair? Good dealers all over the country sell them. Call on your dealer and try on a pair—then you'll learn what work glove comfort and wear can really be.

WOLVERINE SHOE & TANNING CORPORATION . . . ROCKFORD, MICHIGAN

Homemaking Department

Edited by ZOE MURPHY

Your Diet Marks Your Baby

IF YOU are an expectant mother and want your baby to be perfect, you had better watch your diet. We are just beginning to realize that mothers need a substantially better diet in the months before the baby's birth if the child is going to be a superior one.

Look at the chart reproduced below from the New Republic. Aren't the figures and percentages startling? According to this study, if all expectant mothers could have a good to excellent diet, 42 per cent of the babies would be superior ones.

In other words, 42 per cent of the babies born would be practically perfect.

Look at the next row of figures. It shows that when expectant mothers have a good to excellent diet, 45 per cent of the babies are born with only one defect.

The defect may be only that the baby resembles his grandfather, or that he has inherited the crook in his nose from you or your husband.

Ten per cent of the babies born in this class have two or more defects, and only three have congenital defects or are stillborn.

Of course, it seems too bad that the chart doesn't indicate that diet could make all babies perfect. But if you will look at the row of figures on the right-hand side of the chart, you will realize just how important diet is to the growth and development of babies.

When the expectant mothers are able to get only a poor diet, they can produce only 2.5 per cent of babies that are superior or perfect. That's quite a drop from the 45 per cent on the left-hand side of the chart, showing the effects of a good diet.

In the next row of figures, there is another 2.5 per cent for the number of children born with only one defect. Here, 28 per cent of the babies whose mothers had poor diets were born with two or more defects.

And 67 per cent were born with congenital defects or were still-born. Doesn't that prove how terribly important a good diet is for mothers?

The Nutrition Foundation, located in New York City, has been carrying on a great many controlled experiments in the field of nutrition.

For instance, in Philadelphia, 2,000 expectant mothers were carefully coached and given special instruction in the field of diet. A second group of 2,000 mothers were not given this special instruction.

In the first group—the group that had followed special instructions in diet—there were only six premature births. The second group had 81.

Then, again, the first group showed only eight cases of infant mortality, while in the second group there were 104 cases.

In other words, if all expectant mothers in this country could have the right diet in the months before baby's birth, we could save some 200,000 babies who are stillborn or die in early infancy each year.

And it's probable that several times that number would be born free of deformities and have a higher chance of leading a long and a normal life.

In the group of mothers who were given instructions for an adequate diet, pills containing vitamins were added to the diet. The mothers were urged to eat at least four ounces of meat a day. They were also urged to eat three ounces of fat a day, and 10 ounces of carbohydrates.

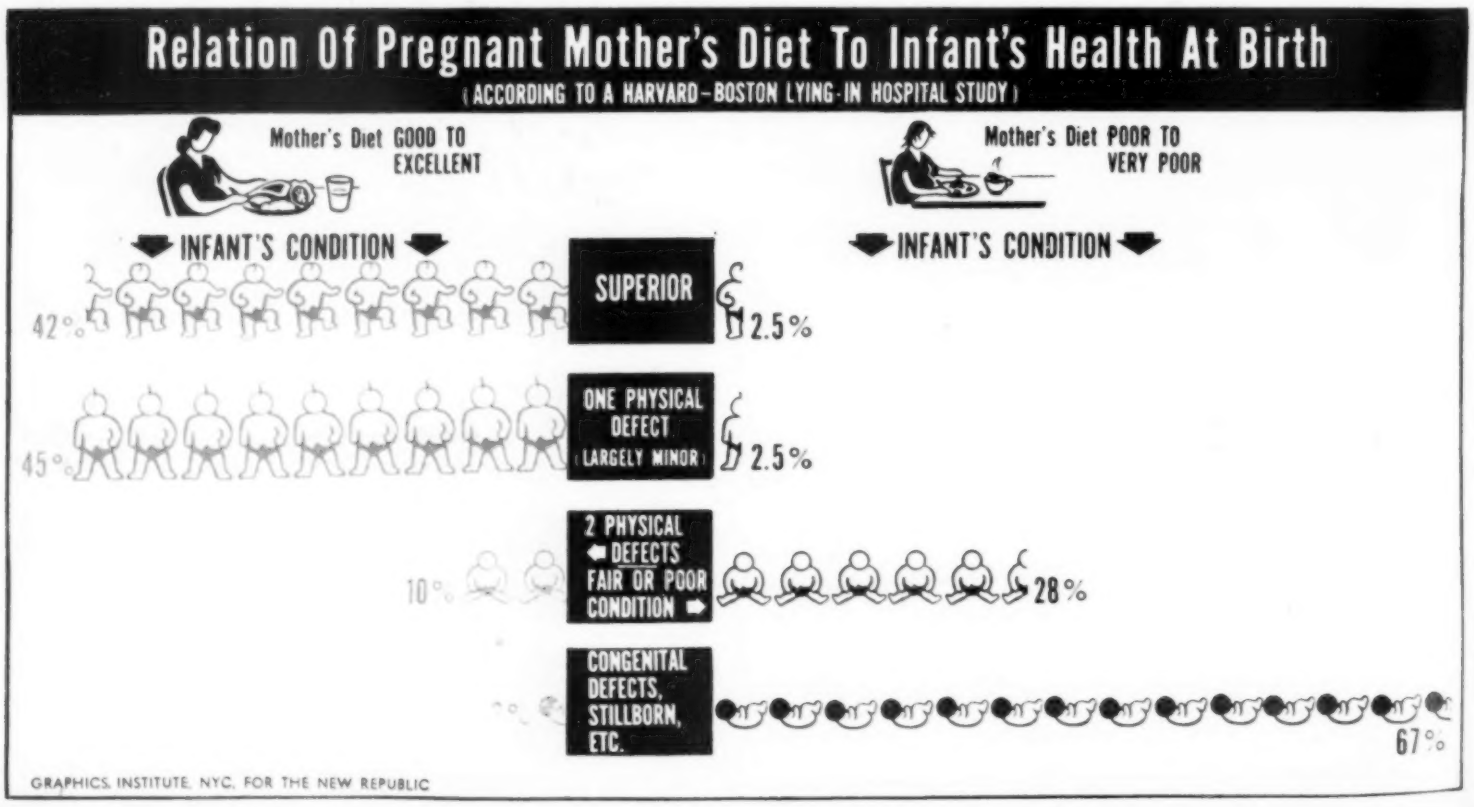
Because too many pregnant women eat too much sugar and too much fluid, they were told to cut down on both fluids and sweets. They could eat only one serving of fruit or fruit juice a day.

Six small meals a day rather than three large ones were recommended. As a result, there was a marked reduction in fatigue or tiredness on the part of the mothers. They also reported much less dizziness or "morning sickness."

One of the things that these studies has proved is that the expectant mother requires more calories than she does in a normal time. She also needs more protein. That is why the added amount of meat is advised in the diet—plus calcium, phosphorus and iron. Added to these, she needs more vitamins than usual.

If you added the cost of extra calories plus the cost of added vitamins needed for the nine months, the Nutrition Foundation figures the cost would be $25.

Twenty-five dollars to produce a superior baby—think of it! Certainly a small price to pay for what it means to a mother and to the world!



"Thank God for Iowa"

Farmer Writes His Wife About Visiting England's Lady Astor

THE high spot of my day comes with the arrival of the postman. I'm always waiting for those letters from Chuck, my husband. He's one of those Iowa farmers now in Europe.

I bless the speed of air mail. It brings news less than a week old. I learn that five nights ago he was listening to the agricultural attache from the American Embassy. That same evening the Iowans heard a man from the Ministry of Foods.

Next morning, Chuck visited Lewis Douglas, American ambassador, and Mr. Petersen, first assistant. After that, with three others, he went to the BBC studios to make a recording for the WHO Farm Hour.

After the broadcast, radio officials took them for a ride and to Lord and Lady Astor's place. An international group was assembled there. Some Iowans arrived on time, but Chuck and his chums were late. And they were uneasy.

Lady Astor greeted them warmly, and said: "So you are Iowa farmers. Thank God there is someone here with some sense."

She made further remarks not complimentary to international specialists and gave the farmers most of her attention.

The Iowans spent several hours around the place. Then Lord Astor showed them his horses. They were very beautiful, and looked like Kentuckies.

When Chuck told Lady Astor, who originated in Virginia, that he married a Texan, she said that he, like Lord Astor, had married above himself!

Following is a summary of Chuck's observations so far:

The British face rough going. They're ready to withstand much in working out their destiny. Diet is adequate but dull.

Lower class is getting the best break they ever had. They're not likely to change parties.

Actually, they need help; psychologically, they could do without it. Housing is bad.

Agriculture has improved tremendously in every way. Agriculture and housing get top priority. Food will be cut further.

Past management is largely responsible for bad conditions of mines and some businesses.

Education is weak in spots. Only a few top leaders are well trained.

American representation is high in quality and ability. There's but little knowledge or interest in the Marshall plan. — Mrs. Charles Hearst, Black Hawk County, Iowa.

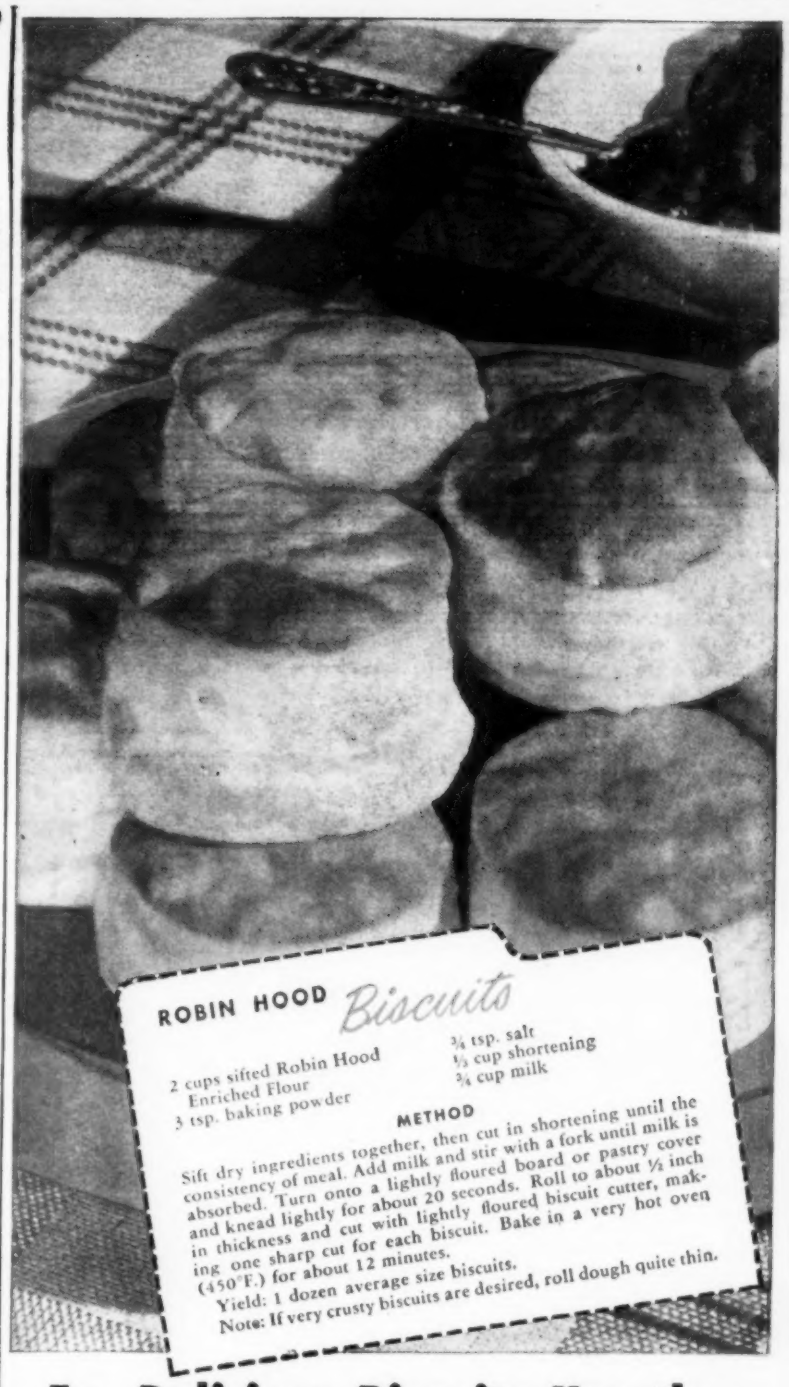
FASHIONS for the family

YOU can dress the whole family with the styles offered in our new Fall and Winter Fashion Book. This issue presents a wide selection of school clothes, blouses, house dresses and dress-up styles.

Looking ahead to Christmas-time, FASHION gives you two pages of gift suggestions, and a free crochet pattern to start out on now.

Stories by well-known designers will give you ideas and suggestions about your clothes. There are also hints for home decorating.

Order your Fall and Winter FASHION now. The price is 25c. Address orders to Wallaces' Farmer and Iowa Homestead.



For Delicious Biscuits Use the All-Purpose Flour with the Million-Dollar "Secret Blend"

Biscuits so light and tender they just seem to melt in your mouth. That's what you get when you make them with Robin Hood Flour. And you'll say that Robin Hood makes the most marvelous white bread you've ever tasted.

Robin Hood Flour is specially blended to give you best results. Immense sums have been spent to make sure that this million-dollar "secret blend" is just as fine as it can be.

There's a money back plus 10% guarantee on every bag. And if you don't get just wonderful results—marvelous white bread, the lightest, fluffiest cakes, the tenderest, flakiest pastry—please take advantage of it. Next time you're at your grocer's, ask for Robin Hood All-Purpose Flour.

Look for the valuable aluminumware coupon packed in the new enriched Robin Hood Flour!

INTERNATIONAL MILLING COMPANY
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Robin Hood Flour

"America's Fastest Growing Flour"

Ready For Fall and Winter

No. 8218—Yoked junior frock. Demure collar and push-up sleeves. Sizes 11, 12, 13, 14, 16, 18.

No. 8109—Lumber-jacket outfit. Try a soft gray flannel. Sizes 12, 14, 16, 18, 20, 40, 42.

No. 8197—Pert half peplum accents smooth skirt. Cleverly styled. Sizes 12, 14, 16, 18, 20.

No. 8203—Dainty little school dress has gay buttoned pockets. Sizes 3, 4, 5, 6, 7 years.

No. 8202—Beguiling teen-age dress with bold button trim and a pretty shaped pocket. Sizes 11, 12, 13, 14, 16, 18.

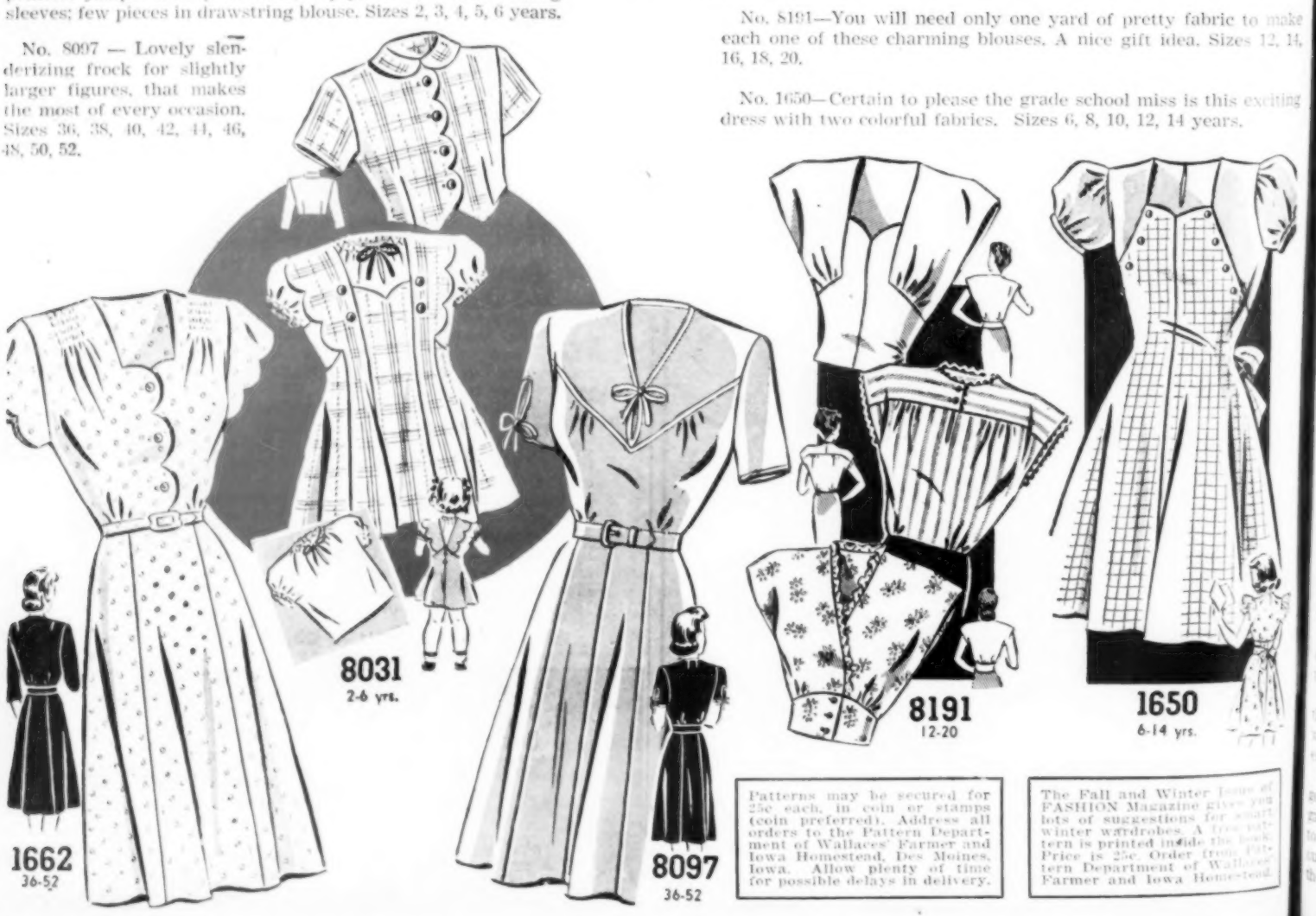
No. 1662—Gentle scallops trim cap, sleeves and front closing of this delightful afternoon charmer for the matron. Sizes 36, 38, 40, 42, 44, 46, 48, 50, 52.

No. 8031—Gay trio for tiny tots to wear all winter long. The princess jumper is easy to make; tiny jacket has short or long sleeves; few pieces in drawstring blouse. Sizes 2, 3, 4, 5, 6 years.

No. 8097 — Lovely slenderizing frock for slightly larger figures, that makes the most of every occasion. Sizes 36, 38, 40, 42, 44, 46, 48, 50, 52.

No. 8191—You will need only one yard of pretty fabric to make each one of these charming blouses. A nice gift idea. Sizes 12, 14, 16, 18, 20.

No. 1650—Certain to please the grade school miss is this exciting dress with two colorful fabrics. Sizes 6, 8, 10, 12, 14 years.



Patterns may be secured for 25c each, in coin or stamps (coin preferred). Address all orders to the Pattern Department of Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. Allow plenty of time for possible delays in delivery.

The Fall and Winter issue of FASHION Magazine gives you lots of suggestions for smart winter wardrobes. A free pattern is printed inside the book. Price is 25c. Order from Pattern Department of Wallaces' Farmer and Iowa Homestead.

A glass of milk is good any time of day, especially when it comes cold from the new electric refrigerator in the home of Mr. and Mrs. Melford Rosander, Warren county, Iowa. Phyllis and Phillip are four years old.

Our Baby at the Fair

She Didn't Win a Prize, But She Displayed a Mind of Her Own

YES, we took our baby to the State Fair this summer, and say, oh, say, has our opinion of baby specialists ever changed! Why we don't—— But maybe I better start at the beginning.

In the first place, a debate ensued as to whether or not baby should be taken to the fair. One of her grandfathers said "No!"—very decisively.

His arguments were that it was too hot for her at that time of year, that down among that crowd of people was a good place for her to get disease germs.

He always ended his arguments with the remark that he needed no specialist to look at his baby, he knew she was the best baby in these United States.

On the other hand, the adoring aunts and grandmothers wanted the baby to be taken to the fair. She was then two years and three months old. Next summer, she would be too old for admittance to the baby health show.

Besides, we wanted those doctors and nurses to see once in their lives a perfect specimen of babyhood. Of course, she was perfect. (Try to tell us she wasn't!)

Her sturdy little body, fat little legs and plump little arms simply could not be equaled anywhere.

And, to top all of these physical qualities, she was and is truly an adorable baby. Big blue eyes, a little turned-up nose, and a wealth of light-brown, curly hair. We knew those judges couldn't help but give our baby the prize. One look at her and they would fall victims to her charms.

Well, there were more pros than cons; majority rules, so baby went to the fair.

This adoring aunt had to sit in the gallery and watch thru a glass while baby, her mother and father took the examination.

First, they gave her the intelligence test. The man tendering this gave baby some blocks with which to play. Blocks, of all things! To our baby! No wonder she pushed them aside. Why, they were far beneath her dignity. She had not played with blocks for a year.

Dear, dear, what these specialists don't know about babies! She plays Chinese checkers, zoop ball, table tennis and other games.

Then, was it her fault that they couldn't get her attention focused on other things with which they wanted her to play? Why did they have that colored balloon hanging there for her to watch?

But did my chest ever puff with pride when someone in the watching audience remarked about the sweetness of our baby!

From the time she was taken to the doctor until she left the examining office, she most certainly advertised her good lung capacity. Yes, I think it could be rated extra-super.

It took three of them to hold her while she was being weighed and measured. I must have seen 50 babies examined, but ours was the only one they could not get to walk a short distance so they could see her little legs.

However, the doctor in charge said he thought she might be a little pigeon-toed in one foot. The idea! Can our baby help it if she has feet like her mother. Surely, that isn't the baby's fault.

In spite of his remarks, I forgave that doctor because he did say we had a nice baby.

I had to grit my teeth and count to ten when someone near said to look at that stubborn little girl. Stubborn, indeed! She was just frightened (or was she?).

Yes, you've guessed it—our baby didn't win. But, of course, that is because the specialists aren't as wise as they should be.

Our own doctor laughed long and loud when he was told of the baby's antics at the fair. He said she should have received credit for having a mind of her own.

It will take more than specialists to change our minds about the perfection of our baby. To her family, she is still the "best baby in these United States." — Jetta Knowlton, Cass County, Iowa.

FIRST CHOICE IN A MILLION HOMES

Money will not buy better flavor than Butter-Nut Coffee gives you . . . yet Butter-Nut actually costs you less than a penny a cup! At such a price you cannot afford to serve anything but the most delicious.

In Butter-Nut you get a special selection of the world's very choicest mountain-grown coffees. No second choice coffee is ever used. Only the richest, smoothest, mellowest coffees are good enough to fit Butter-Nut's reputation for delicious flavor.

So when you buy coffee, say "Butter-Nut". At a penny a cup why not have the best?

BUTTER-NUT GLASS JARS ARE REAL FRUIT JARS. SAVE THEM

Butter-Nut "The Coffee DELICIOUS"

THE FARM FAVORITE!

HERE'S A RED STAR RECIPE YOU'LL LOVE

TEACHER LEARNS A LESSON ABOUT RED STAR DRY YEAST

HALLOWEEN DOUGHNUTS

2 teaspoons sugar
½ cup warm water
2 packages Red Star Dry Yeast
½ cup milk, scalded
1 teaspoon salt
½ cup sugar
2 eggs
4⅔ cups sifted flour (approximately)
½ teaspoon mace
3 tablespoons shortening
Fat for frying

Dissolve 2 teaspoons sugar in warm water. Add 2 packages Red Star Dry Yeast. Let stand 10 minutes. Place scalded milk, salt and ½ cup sugar in a large bowl. Cool to lukewarm. Stir yeast solution thoroughly and add to this mixture. Add half the flour which has been sifted with the mace and beat well. Add eggs and melted and cooled shortening, stirring vigorously. Add remainder of flour stirring well. Place on lightly floured board and knead for 3 minutes. Shape into smooth ball and place in greased bowl. Brush top lightly with shortening. Cover and let rise in warm place for 45 minutes. Without punching down turn dough onto lightly floured board and roll to ½ inch thickness. Cut dough with 3 inch floured doughnut cutter. Place doughnuts on floured baking sheet. Let rise in warm place until very light (about ¾ hour). Do not cover. Fry in deep hot fat (350° F.) on both sides. Drain; cool and roll in sugar. Makes 2 dozen.

Red Star QUICK RISING Dry Yeast
QUICKER · EASIER FOR EATING · FOR BAKING
Always Fresh!

KAY ROGERS SAYS: "Save time with your own recipes by using RED STAR... and be sure to make a batch of RED STAR Halloween Doughnuts for the children."

RED STAR DRY YEAST

why women prefer HI-LEX

"GIVES WHITER WASHES!"
says
Mrs. Roe Anderson
Ankeny, Iowa

Some families are hard on clothes. A bleach that suits them is bound to find favor with all homemakers, too. Take Mrs. Roe Anderson, for instance, shown hanging clothes. On her new, modern farm home near Ankeny, Iowa, Mrs. Anderson says she always uses HI-LEX when she needs whiter, cleaner washes. Sold by grocers everywhere.

HI-LEX SAINT PAUL MINNESOTA

Buy a Bond to Help Your Country and to Help Yourself in Later Years

COUNTRY AIR

By ELIZABETH C. WHERRY

WHEN Earth's last picture is painted, and the tubes are all twisted and dried up, it may be that these colorful years will be known as the Era of Big Days. Almost every little town nowadays bursts out with some phase of celebration and a place in the sun.

* * *

Some have a tradition of two or three decades to keep up. Others grope for a peg other than chuck-a-luck upon which to hang their festival.

* * *

Big Days can celebrate anything from flowers or local crops to food specialties or livestock. Big Days are not fairs, nor yet are they carnivals. They're just a hybrid known, generically, as The Big Days. Various species have identifying names.

* * *

Our town, with no tradition to support, but with plenty of good will between business men and farmers, and a comfortable sense of nicely-lined 1947 pocketbooks, got itself up a Junior Livestock Show this year, which, with one fine swoop, set up both a tradition and a standard.

* * *

They've started themselves a community project that is going to promote something that is good for the community.

* * *

Recognizing that hogs are interesting buyers more and more on dressing percentage than on standardized breed type, the emphasis was on market hogs.

* * *

Recognizing that a dairy herd is an ever-present insurance to farm health and income, another emphasis was put on dairy stock.

* * *

Showing the stock, judging it and selling it were the big events of the Big Days.

* * *

Numerous concessions lined the short streets: the Ferris wheel was a busy circle of color. There was a ball game. The platform acts ranged from an imported balancing act to a 4-H demonstration, and from an accordionist, which was also imported, to the Farm Women's Chorus.

* * *

The weather turned cool just in time. The crowd, milling on the street and jostling about on the dance floor, wore their light coats. The business men and farmers, who had put in everything from dollars to hours in an effort to build a constructive show, heaved a sigh of relief. The Big Days were a success.

* * *

Son Richard just rolled in with his jaloppy and his buddies after 2,300 miles of steady driving from Oregon's forests. They hadn't had a shave since they left Iowa, and their beards and mustaches were fearful and wonderful to behold.

* * *

If we had not snapped a picture of Richard, we would still have had a very good likeness in the daguerreotype I dug up of his great-grandfather, just home from the Civil war.

* * *

The yellow dog Dingo that had comforted his lonely hours up on Mount Nebo proved true to our suspicions of being one of the "look, Mom, what followed me home" type of canine. But they loved each other dearly, and her name was Dasey. He declared he had named her and had the right to spell it as he chose.

* * *

Recently, lightning set fire to the farm buildings of some good friends. The loss was almost total, and most devastating to their current farm plans and morale.

* * *

But almost before they had had a chance to realize their loss, offers of everything from baled straw to help with nailing on the new boards, came in so fast they couldn't count them.

* * *

With shaky voices and teary eyes, they said: "But why? We've never done things like this for anyone."

* * *

Well, maybe they haven't baled a field of straw or nailed shingles for a burned-out neighbor, but they've done lots of other things for their neighbors. They've cast generous bread upon the waters, and it has returned to them.

* * *

Not the same bread—oh, no! Anyway, as Otis Skinner said: "Wouldn't it be water-soaked?"

* * *

They are the current recipients of kindness that is passed on in whatever form it is needed. Kindness and generosity aren't shaped like a bale of straw or a man with a hammer. That's why they can be passed on in so many ways.

* * *

I like to think that, more than the elusive shape of kindness, the big idea that prompts offers of help in so many different cases is what people have stood for in their communities. That counts!

* * *

Speaking of kindness, a man in his eighties, little given to philosophy, said the other day: "Old age comes on rather suddenly. The years go fast. Why aren't we all a little kinder to each other while we have the time?"

* * *

After a visit with a young college girl teaching in a rural school, I suddenly realized—as I didn't when I was doing that same thing myself—the enormity of such a task.

* * *

The best-trained teachers in the world should be paid the highest salaries elementary schools have ever paid for such strenuous, complicated, ill-equipped and disorganized work. Often eight grades, with from five to 20 pupils.

* * *

Not even the noon hour off, because the kids want teacher to come play "Blackman" or "Pom-Pom Pull Away."

Delicious Honey Baked Pears

1 teaspoon of cinnamon
2 tablespoons of butter or other shortening
4 pears
¼ cup of lemon juice
½ cup of liquid honey

Wash pears and place, unpeeled, in the well-greased, one and one-half quart, heat-resistant top of the stove glass saucepan. Pour lemon juice and honey over pears, sprinkle with cinnamon and dot with butter. Bake in a 350-degree oven for about an hour, or until pears are tender. Once or twice during the baking, spoon the liquid over the pears. Serve in heat-resistant glass, deep pie dishes, adding cream if desired.

COOKERY CORNER

Spanish Rice With Chipped Beef

½ cup of uncooked rice
2 tablespoons of salad oil
½ cup of boiling water
½ teaspoon of salt
½ cup of chipped beef
1 green pepper, diced
1 medium-sized onion, minced
2 tablespoons of butter
2 cups of cooked tomatoes
½ teaspoon of chili powder
¼ cup of grated American cheese

Wash rice well; drain. Heat the salad oil in skillet; add rice, and brown lightly for about 20 minutes, stirring frequently. Add salt and boiling water; cover and simmer 15 minutes. Saute chipped beef, green pepper and onion in hot butter. Add tomatoes and chili powder and cook for five minutes. Combine rice with cheese and tomato mixture and turn into well-greased casserole. Bake in a 350-degree oven for one hour, or until rice is done. Serves four.

Escalloped Tomatoes

15 ounces of tomato puree
⅔ cup of water
⅔ teaspoon of salt
½ cup plus one tablespoon of brown sugar
1½ cups of fresh white bread crumbs
⅓ cup of melted butter

Place bread crumbs in buttered casserole. Pour over them melted butter. Add water to puree. Heat to boiling point. Add salt and sugar. Pour over crumbs. Cover dish closely. Bake in moderate oven 30 minutes. Do not remove cover till ready to serve. This creates a rich glaze. Will serve six persons.—Mrs. Tom Lockridge, Lucas County, Iowa.

Apple Pan Shortcake

Cream one cup of brown sugar and one-fourth cup of butter together. Add one egg and beat well. Stir in one teaspoon of soda that has been dissolved in just a little water. Sift together and add one cup of flour, one-eighth teaspoon of salt, one teaspoon of cinnamon and one-half teaspoon of nutmeg. Mix well. Add two cups chopped apples that have been sprinkled with the juice of half a lemon. Mix well. Spread one-fourth inch thick in a greased pan. Bake in a moderate oven. Cut in squares. Serve warm with whipped or plain cream.—Mrs. H. S., Adair County, Iowa.

Ice-Box Cake

½ pound graham crackers, rolled
3 eggs, 1 cup of sugar and 6 tablespoons of butter creamed together as for a cake
1 cup of cream, whipped
1 small can (or ½ cup) of crushed pineapple, drained. (Mix the pineapple with the whipped cream)

Divide rolled crackers in half and spread half over the bottom of a cake pan. Pour egg mixture over cracker crumbs, then spread the whipped cream and pineapple mixture over that. The half of the graham crackers that was left now goes over the top of the cake. Let stand for 12 hours in refrigerator. Make Saturday morning for Sunday dinner. Cut in squares, like cake. Serves eight or nine.—Mrs. Fred Kraft, Hancock County, Iowa.

Cauliflower With Cheese Sauce

1 medium-sized cauliflower
2 tablespoons of flour
2 tablespoons of butter
1 cup of milk
¼ teaspoon of salt
½ cup of grated cheese
1 cup of buttered bread crumbs

Remove outer green leaves from cauliflower, but retain the more tender ones to cook with the flowerets. Wash in cold water; cook in salted water 15 minutes, or till tender, and drain. Make a sauce of the flour, butter, milk and cheese. Place cauliflower in greased casserole, pour sauce over it, cover with buttered bread crumbs, and bake for 20 minutes.—Mrs. Nick Marra, Sioux County, Iowa.

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With the Words, "Mother's Best", from any size sack of Mother's Best Flour.

GET THIS HANDY, EASY-CUTTING KNIFE FOR YOUR KITCHEN

Here's a Butcher Knife you'll treasure for years! Made by Cattaraugus, famous for quality cutlery. Ideal working size—11¼" long with 7" blade. Razor-sharp. Strong, hand-honed Genuine Vanadium Steel blade holds the keenest possible cutting edge. Rust and stain resisting with chrome plated mirror finish. Sanitary, sure-grip handle of vulcanized hard rubber. No seams or rivets to work loose. Just the kitchen knife you need!

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Hurry! This offer is limited. Use the coupon below. Send 50c in coin with the words, "Mother's Best," from any size sack. An amazing $1.25 value. Send for yours today—NOW!

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NOTE: Be sure to enclose the name "Mother's Best", and 50c in coin for each knife desired.

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From Farm Boy to Band Leader

and he never had a teacher!

The amazing story of LAWRENCE WELK

Famous Accordionist, Orchestra Leader and Originator of

"CHAMPAGNE MUSIC"

LAWRENCE WELK was born and brought up on a small North Dakota farm. At an early age he showed a real interest in music. Without any instruction he learned to play by ear on an old "hand-me-down" accordion. Fascinated by it, he resolved to get a good piano accordion and make music his career. With years of hard farm work he finally saved enough for a modern accordion.

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But Larry was handicapped because he couldn't read music. Then he heard about the U. S. School and enrolled for two courses. Here's what he says about the lessons:

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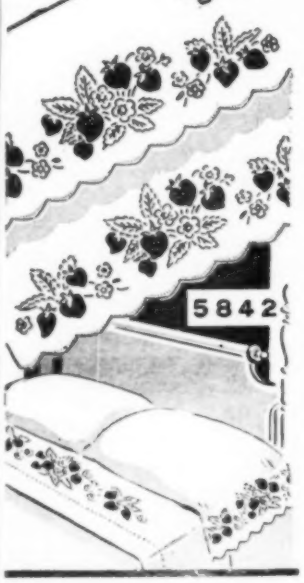

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Mrs. Fred Caruthers, of Warren county, Iowa, canned for her family on the new bottled-gas stove this last summer.

More Home Canning

Iowa Women Canned More This Year Than Last, in Spite of Drouth

★ A WALLACE-HOMESTEAD POLL ★

HOW much canning did you do this summer? It was a pretty hot summer, and gardens burned up. While there is a lot of talk about hungry Europe, still wartime pressure to can food is over.

The late freeze and June floods cut berry crops in many sections of the state. Grapes and apples were hurt, too. On the other hand, sugar rationing ended.

In an earlier survey, we found out how many farm women had gone to town to buy a 100-pound sack of sugar. Just for the pleasure of having a surplus around!

But we had no way of knowing how much of this sugar went into canning for next winter. Some of it went into an orgy of baking sugar cookies, cakes with icing, and fudge for the kids.

So we decided to run a Wallace-Homestead Poll on canning.

Our interviewers talked to several hundred Iowa farm women. The first question asked was: "How many quarts of jam, jelly and preserves did you put up last year?"

Last year, jam or jelly of any kind was a luxury because of the scarcity of sugar. So it isn't surprising that 36 per cent of the women said they canned under 10 quarts. Or that 25 per cent didn't make jelly or jam at all.

When the figures were completed, the answers for this question gave the following percentages put up:

36 per cent	1 to 9 qts.
25 per cent	10 to 19 qts.
11 per cent	20 to 29 qts.
3 per cent	30 qts. or over
25 per cent	None

Then we asked: "How many quarts of jam, jelly and preserves do you expect to have put up by the end of this season?"

There was a big increase, in spite of the freeze, floods, drouth and heat. Last year, only 3 per cent put up 30 or more quarts of jelly and jam. This year, 29 per cent put up that amount. Instead of 25 per cent who put up none at all, this year there was only 4 per cent.

The answers to this question show the following precentages and amounts put up:

9 per cent	1 to 9 qts.
31 per cent	10 to 19 qts.
27 per cent	20 to 29 qts.
29 per cent	30 qts. or over
4 per cent	None

This all means that the average farm family will have 200 per cent more homemade jam and jelly to eat this year than last year.

But there is more to go into the fruit room of the farm family than jam or jelly. There are canned fruit and vegetables, too.

So we asked: "How many quarts of canned fruits and vegetables did you put up last year?" Remember, we had wonderful gardens and lots of home-grown fruit last year, but not much sugar.

We found that only 28 per cent of the women put up 300 quarts of fruits and vegetables last year, and 3 per cent didn't put up any.

Their replies showed percentages and amounts as follows:

12 per cent	1 to 99 qts.
31 per cent	100 to 199 qts.
26 per cent	200 to 299 qts.
28 per cent	300 qts. or over
3 per cent	None

Then we had to find out what farm women expected to have canned by the end of this season. So we asked: "How many quarts of fruits and vegetables do you expect to have put up by the end of this season?"

The answers gave the following percentages and amounts put up:

9 per cent	1 to 99 qts.
28 per cent	100 to 199 qts.
28 per cent	200 to 299 qts.
35 per cent	300 qts. or over

All this means that farm people will have more home-canned fruits and vegetables than they did last year, in spite of adverse conditions.

And more food in the basement means better living all around.

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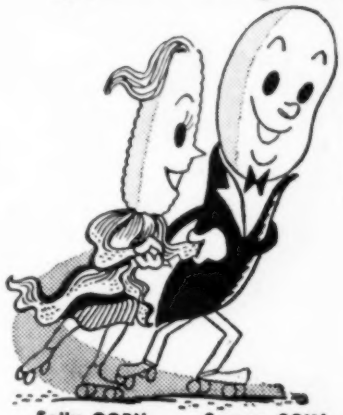

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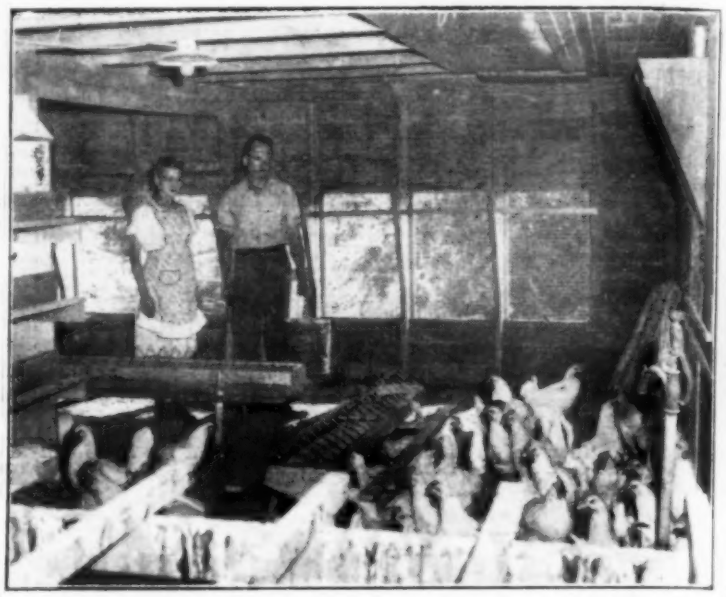
—OUR ADS ARE NEWS—

THE FARM FLOCK



Hay Loft has been made into a laying house by George Wise, Dallas county, Iowa. Insulation, running water, and plenty of screened windows make it a first-class place for George's pullet flock.

Keep Eye On Pullets

Disease Now Can Be Serious Set-Back

To the Editor: We called in a specialist last week to look over our flock. We felt sure that the birds were not quite right.

The cockerels showed a touch of blue in the combs. Cockerels and pullets alike looked pale and sat around without much pep.

That was not too surprising after all the hot weather. But this seemed definitely different. They were not eating as heartily as when they were first brought into the laying house. They felt light when you picked them up, and their breast-bones were becoming prominent.

The specialist said: "I think you have a mycosis here, following the trouble you had earlier with coccidiosis."

Of course, I asked what a mycosis might be, and was told that it was a mucus which forms in the intestines. It seems to have a fungus base. We are told now that coccidiosis seems to spring from a spore that seems to be about the same thing.

Just now, I looked up the word "mycosis" in the dictionary, and find that it's "a fungus growth within the body," or, "a disease or morbid condition due to a fungus growth."

We continued our flush treatment and used some other familiar medicines. We lost only two cockerels and two pullets. We repeated the treatment in a week, and now the flock is beginning to look like its usual, normal self.

We are picking up a few eggs. I hope not too many for a while, as the pullets were only four months old September 13.

We are starting our fall clean-up of brooder houses. We want to clean them out, scrape and scrub them, then move them to the location which will be right for the spring flock.

We expect to do some painting, too. It will be very nice when spring comes to know that they are all ready to go. We hope to paint the laying house also, and are not putting our sun porches in place until that is finished.

We're still turning out the flock right after noon each day. We shall do that as long as the weather is favorable.

It always seems that the more sunshine pullets can absorb in the late autumn, the better they are all thru the winter.

Everyone who comes into our laying house seems to admire our feeding arrangement. We keep three feeders on top of the droppings pits all the time. Also a waterer.

The more timid pullets are apt to spend a good bit of time on the roosts during the day. If they can find oats, corn, mash and water there, the time is not wasted.

A lot of feed is being consumed. And we have two eight-gallon waterers in every room. But it is important to give these young birds all of the elements they require to develop into strong hens. Then they'll have enough vitality to carry them thru the busy season ahead.—M. B., Jasper County, Iowa.

Early Molters Are Poor Layers

To the Editor: As a general rule, the hen which molts early is not a good layer. If you plan to keep your hens over, you will find, as we have, that it pays to keep the molting hens on adequate amounts of well-balanced feed.

We find that hens come back into full production much earlier and do better if we see that they are well fed and taken care of during the molting season. — B. P., Holt County, Nebraska.

Turkeys are big business with George McAfee, of Warren county, Iowa. He is raising 1,100 birds this year in wire-enclosed pens, entirely off the ground. They get hay to fill need for grain feed.

Sarah Jane Says:

Egg Prices High

To the Editor: The dust-laden winds of autumn make the dust in this house so evident that I can't put off a good house-cleaning much longer.

The canning season is not over yet, either. There still are tomatoes to be canned to keep them from going to waste. I have some blue plums, too, for making jam and canning whole.

I'll have to have a better place to keep the fruit, once it is canned. Wild plums are very plentiful—or have been. They are gone now. Those on this place were very small, except on one tree that I didn't discover until the plums were about gone.

From this day forth, wherever I live, I am going to see to it that we have some fruit if it is at all possible.

My chickens are grown now, of course. We've had several fried chickens, and I'm getting so I can dress them in a shorter time.

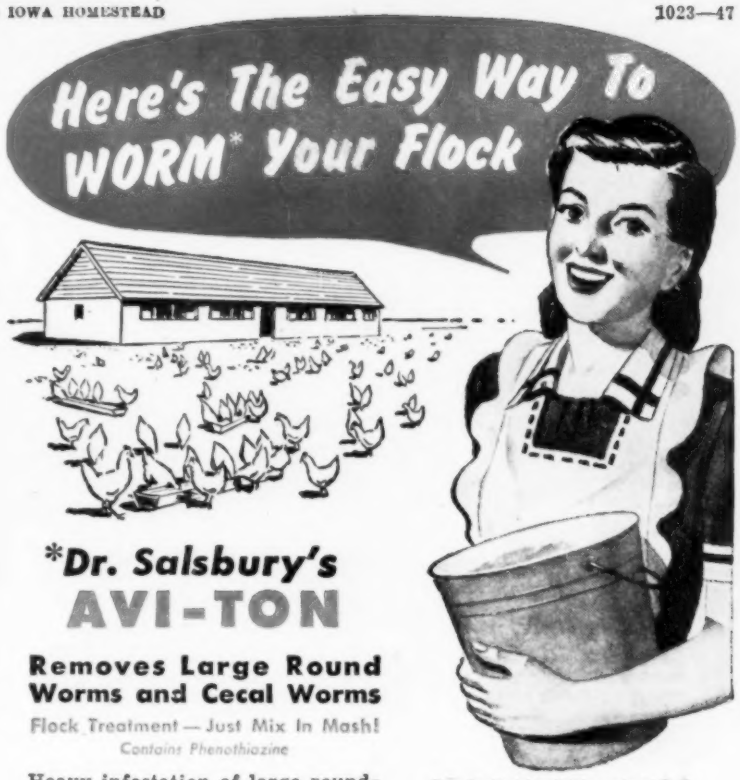
I did worse on the last one than on any of the others. I had the water too hot and broke the skin in a few places.

We are getting ready for winter—at least, the laying house is cleaned out. But there are several things to do yet. The windows are very high, and there isn't enough light, tho I don't know whether we can make any changes there or not.

We put in one lower window so the house could be cleaned. That is going to be a help this winter.

I am still buying eggs. But the price is getting so high that I was glad to get the three dozen or more my sister gave me. When things get beyond me in price, I usually quit buying that article altogether. — Sarah Jane, Clarke County, Iowa.

PAW TUCKER—Can It Be That Paw Forgot To Close The Gate?



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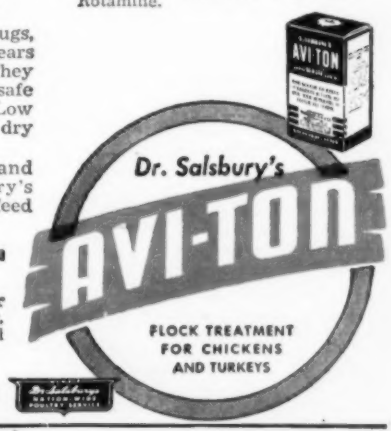

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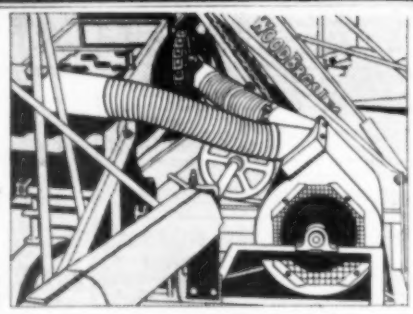
BLOWER ATTACHMENT FOR CORN PICKER



Your corn is picked clean with a Double Duty Blower attachment on your picker. Trash that absorbs moisture, retards drying and causes rot is eliminated. Valuable storage space in cribs is saved. Two four inch pipes serve a dual purpose. Pipe No. 1 blows air directly through corn as it falls from snap corn elevator into husking bed, removing dirt and trash which cause wear on husking rollers. Pipe No. 2 blows on husking bed, removing remaining trash before corn falls into elevator hopper.

BLOWER COMES COMPLETE WITH ONLY ONE HOLE TO DRILL ON PICKER FRAME. Workmanship and material guaranteed. Order now as supply is limited. Write direct to:

MIDWEST MFG. CO., Box 354, Columbus, Nebr.

First Aid for Stock

Is There a Cure For Stunted Pigs?

To the Editor: My summer pigs are not sick, but they have poor appetites and don't grow. What can I do to make them eat and gain rapidly?—T. C., Lyon County, Iowa.

Pigs may become stunted from a number of causes. It may be worms, or the result of some disease like erysipelas or necro. Or, the cause may be poor feeding, lack of water, salt, minerals or vitamins.

In either case, the remedy is much the same. Put the pigs on the best ration you can think up. Give them mixed grains if possible. Mixed proteins are good, too. That is, proteins of both animal and vegetable origin. Feed a complete mineral mixture and salt in separate feeders.

Skim-milk, if you have it, will often stimulate the appetite. If the hogs like slop or soaked feed, they should have it.

Good quarters, free from dust, dampness and drafts, are also a help. Good, clean water should be available near the feed.

A stunted pig hardly ever recovers completely, but good feed will make some improvement.

Try Sulfa Drug For Chicken Cholera

To the Editor: Will any of these new drugs cure or prevent chicken cholera?—H. V., Wayne County, Nebraska.

One of the sulfa drugs has some preventive value, according to a report by Dr. H. M. Devolt, a Maryland veterinarian, made to the American Veterinary Medical Association.

Experiments were made on 320 chickens in six different groups. Sulfathiazole was given to some groups of chickens in the feed 48 hours before experimental infection with cholera germs. Other chickens were not medicated, but were given the cholera infection.

Doctor DeVolt reported a "highly significant" difference in death-rate was observed between the chickens which received the sulfathiazole and those that did not.

From these two-year experiments, it would seem possible that sulfathiazole may have some preventive value. No claims are made for it as a cure.

"Sure it's good land! I've raised ten kids on it."

Why Let Your Rich Top Soil Wash Away?

Save Your Soil

with a K-S Rotary Scraper

Many farmers this last spring lost enough top-soil to wipe out the profits on a full year's farming! Some lost 2,000 tons to each 100 acres!

Don't let this happen to your farm! Conserve your soil with a K-S Rotary Scraper. It moves soil swiftly, easily. Works wonders filling gullies, building terraces, ditches and dams, leveling land. Very light draft. One man and tractor do the whole job—fill scraper, dump load in one place or spread it to any thickness. Or bulldoze it backward. All without stopping the tractor.

PRICES REDUCED

Prices now cut almost ONE-THIRD! Faster manufacturing in new factory makes it possible.

2 MODELS "Special" model, formerly sold by a leading mail-order house for over $100, now built and sold only by us. 4-ft. size, $67, 5-ft. size, $70.

"Regular" model, same as the above excepting the hitch. 4-ft. size, $62, 5-ft. size, $66. Prices f.o.b. factory.

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made of U. S. Army specification Canvas, Waterproof, Fireproof and Mildew Resistant Canvas, weighs 12.29 oz. before treating

6 ft. x 8 ft.	$ 4.32
6 ft. x 10 ft.	5.10
8 ft. x 10 ft.	7.20
8 ft. x 12 ft.	8.64
10 ft. x 12 ft.	10.80
10 ft. x 16 ft.	14.40
12 ft. x 14 ft.	15.12
12 ft. x 16 ft.	17.28
12 ft. x 18 ft.	19.44
14 ft. x 16 ft.	20.16
14 ft. x 18 ft.	22.68
14 ft. x 20 ft.	25.20
16 ft. x 18 ft.	25.92
16 ft. x 20 ft.	28.80
18 ft. x 20 ft.	32.40
20 ft. x 24 ft.	43.20
20 ft. x 30 ft.	54.00

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38 years' experience in the treatment of arthritis, neuritis, sciatica, lumbago and gout, also hypertension (high blood pressure) hypotension (low blood pressure). Dr. H. E. Wunder, M. D., Resident Physician. On U. S. Hwy. 212. Tel. Shakopee 123.

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MUDCURA SANITARIUM Shakopee, Minn.

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CLEAN UP for WINTER

Now's the time to clean up parasites and vermin—and Corn King is the PROVEN insecticide to do it quickly. Several different vermin killing agents in one formula. Penetrates through hair and feathers to do a thorough job. Costs less to use than weaker insecticides. At your dealers, or write for circular.

Fight hog mange with Corn King Sulphurized Oil

Corn King DRY INSECTICIDE

Barlow, Wright & Shores, Inc., Cedar Rapids, Ia.

SALE

CORN DRYER — Portable Self-Powered Many Purpose Dryer-Heater

STEWART-WARNER portable powerful 100,000 B.T.U. gasoline-burning Dryer-Heater. Turbine blower; 1½-h.p. air-cooled ball-bearing engine.

DRYING—Corn, Seeds, Grain, etc.
HEATING—Buildings, Barns, Shops, Sheds, etc.
PRE-HEATING — Engines, Tractors, Trailers, Equipment, etc.
THAWING—Frozen Areas, Machinery, Pipe Lines, etc.

Original Cost $583.00
SALE PRICE BRAND NEW .. $250.00

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LIVE STOCK REALLY LIKE UNIVERSAL
THE EASY-TO-FEED MINERAL

- It's sweet to eat.
- Dustless.
- Easy to mix.
- A complex mineral containing Blackstrap Molasses.
- Sold only by local feed dealers.

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CLIPPER FANNING MILLS

Cleans, Grades, Separates all kinds of Seeds, Grain, Beans etc. New model with sacking elevator is bigger, better, faster. Illustrated folder tells everything, including prices.

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350 Cuts Per Minute--cuts them down, saws them up, one man operates. Thousands in use, stiff heavy blade, built to last a lifetime, safety clutch control, uses power take-off of any tractor. Low price.
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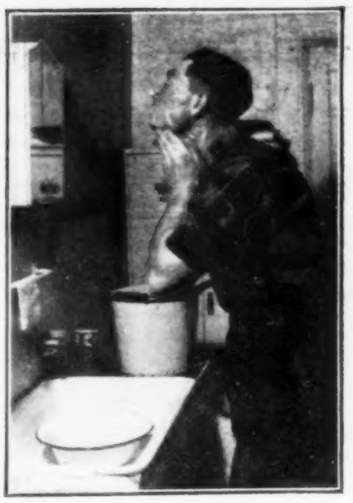

Shaving isn't so bad, says Eldon Grow, of Greene county, Iowa, if you have a utility room like this in which to cut 'em off. Unless, that is, your wife lets you upstairs in dirty overalls.

Blue Grass Seed Crop Up, Prices Down

The 1947 blue grass seed crop was the largest in five years. The crop is almost three times as large as the small crop in 1946, and 44 per cent larger than the 1941-45 average.

Prices to growers for green seed averaged about 3 cents per pound this year, compared with 8 cents last year, according to the Bureau of Agricultural Economics.

Bigger Drop In Lambs Than In Pigs

Lamb production in the nation is not holding up, compared with other meat animals. The 1947 lamb crop was 22,369,000 head. This is more than two million fewer lambs than in 1946, a reduction of 9 per cent.

Compared with the 10 years from 1936 to 1945, lamb production for 1947 is down 26 per cent. The 1947 lamb crop is the smallest since 1925.

While lamb production has gone down more than one-fourth, comparing 1947 to the 1936-45 average, the estimated 1947 pig crop is just about the same as the 1936-45 average.

The pig crop average for the 10 years was 85,126,000 head, counting both spring and fall pigs. The 1947 estimate is for 85,700,000 pigs, slightly above the 10-year average.

Fall Is Time To Get Soil Tested

Fall is a good time to take soil samples and have your soil tested. One reason is that you can see how the crops did this year. And you will have the information in time for adjusting lime or fertilizer orders to your soil needs.

Use a trowel, spade or auger to take samples of the top six inches of your soil. Iowa State College men recommend that 10 samples be taken on each 10 acres. Then mix the 10 samples together and take a half-pint of the composite sample for sending to the soil laboratory.

Full instructions for testing Iowa soils can be obtained from your county extension director, or from the soil testing laboratory at Iowa State College. They insist that you get and follow these instructions in order to get the soil tests at the small charge which is made.

Grow Big Crib Bustin' Crops

Fertilize fields with ICON PHOSPHATES

Yes, that's right! Crops need lots of AVAILABLE phosphate to produce those big crib-bustin' yields that means the difference between making a good profit and going in the red.

TESTS PROVE VALUE

Phosphates help plants develop early root formation and promotes rapid, vigorous growth . . . stimulates blooming and seed formation and aids in building up hardiness to resist drouth and winter kill. Actual tests by leading Universities prove grain yields can be increased as much as 4 to 6 bushels per acre by application of phosphates.

Phosphates are one of the most rapidly depleted elements in your soil. The best way you can replace phosphorus is by a good commercial fertilizer such as ICON PHOSPHATE.

FALL APPLICATION RECOMMENDED

Many crops do as well, some better, when ICON Phosphate fertilizers are applied in the fall. Get your supply NOW. Use it on green manure crops, pastures and forage crops, berries, fruits and other crops. Get that extra yield which means INCREASED FARM PROFITS.

IMMEDIATE DELIVERY

Your Dealer now has a supply of ICON Phosphate available for fall fertilizing. Ask for it by name or write direct to

IA-CONDA PHOSPHATE AND CHEMICAL CO., INC.
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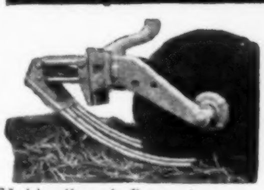
PERRY, IOWA

STUTE knee-action TRASH GUARD



Used by Robert Bowery to win both the 1946 & 1947 NATIONAL CLEAN PLOWING CONTESTS

- NO MORE CLOGGED-UP PLOWS
- BURY ALL CORN BORERS

Holds all trash flat against ground for easy cutting by rolling coulter! No delay to clear plow of trash! Corn borers buried 100% by actual test! Turn under *all* old cornstalks, windrowed straw, wheat stubble, heavy sweet clover. For faster, easier, cleaner plowing—mail coupon today!

BE A STUTE TRASH GUARD and/or MOEWS HYBRID SEED CORN DEALER. Write for details—today!

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The Humboldt Hydraulic Loader delights every owner with its easy operation, capacity for work and sturdy construction. So much quality for such a low price!

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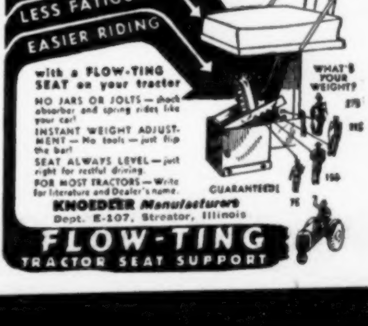

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Dear Sirs: Please send literature and prices on Red Oak Waterers.
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Rheumatism Yields To Drugless Method Of Treatment

Excelsior Springs, Mo., Oct. 3—So successful has a comparatively new, drugless method proven for treating rheumatism and arthritis that an amazing new book will be sent free to any reader of this paper who will write for it.

This book entitled, "Rheumatism," fully explains why drugs and medicines give only temporary relief and fail to remove the causes of the trouble.

The Ball Clinic, Excelsior Springs, Mo., has perfected a system of drugless treatment for rheumatism and arthritis combined with the world famous mineral waters and baths. This new system of treatment is fully described in the book and tells how it may be possible for you to find freedom from rheumatism.

You incur no obligation in sending for this instructive book. It may be the means of saving you years of untold misery. For writing promptly, the company will also include a free copy of the book entitled, "Good Health, Life's Greatest Blessing." Address your letter to The Ball Clinic, Dept. 40, Excelsior Springs, Mo., but be sure to write today.

OTTAWA SELF-PROPELLED BUZZ MASTER

New Improved OTTAWA Buzz Master. 2 speeds for brush cutting and road travel. Clears land of brush, saplings and large trees. Goes anywhere on its own power. Hills no obstacle. Most useful saw ever built—pulley for belt work. Reclaim waste land this easy way. Make big money doing custom work. Endorsed by Conservation experts. Post Hole Digger attachment available. Digs a post hole in 15 seconds. Send for FREE details today.

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USED MILKERS OF ALL KINDS AT $20 per unit and up. Single and double units. Many nearly new. Traded in for a Chore Boy Balanced Low Vacuum Pipe Line Milker. Get a free trial on a Chore-Boy and see why a dairyman can no longer afford to milk with anything but a Chore-Boy Balanced Low Vacuum Pipe Line Milker. Write

DAIRY EQUIPMENT COMPANY
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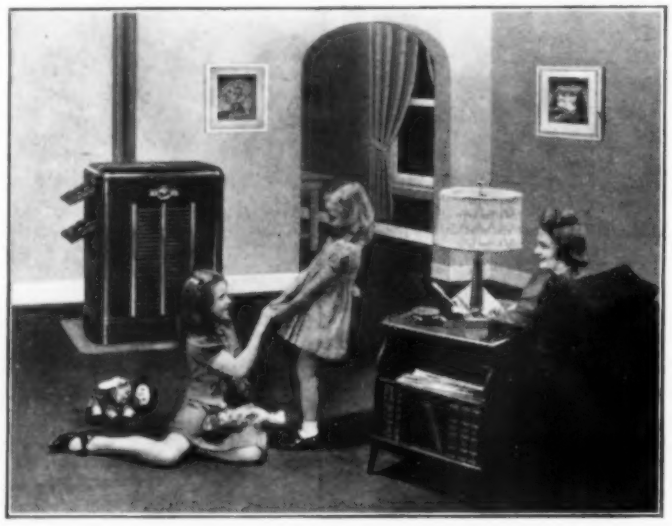
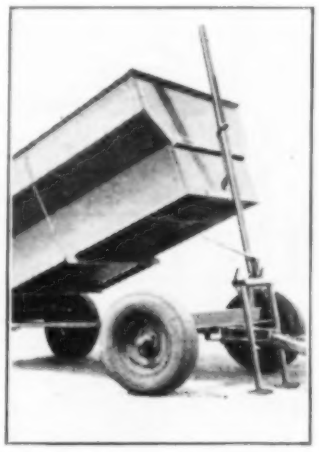
WORMY PIGS? Doctor Hinrichs' Hog Powder. Fed in feed. No starving. 5 lbs. $3 Postpaid.
HINRICHS REMEDY CO., WALCOTT, IOWA

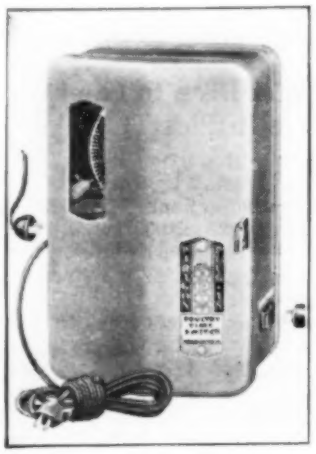
What's New For Farm and Home?



Fuel Tanks are detachable on some new oil-burning heaters for homes. You take the tank outside, refill, wipe off spilled oil and replace tank on heater. Or connections can be made with outside tank. Heat control by a front dial and adjustable shutters. This one is made by Perfection Stove Company.



Wagon Dump will lift the front end of three-ton load in less than 90 seconds. Hydraulic power, operated by hand. Said to be easy as jacking car. Readily transferred from one wagon to another. Developed by Walsh Mfg. Co.



Time Switch takes care of lights in poultry house. Set on any schedule and plug in. Has dimmer circuit that gives hens time to get to roost. Made to fit needs of poultrymen with 50 to 400 layers. Made by Paragon Electric Co.

Small Tractor is claimed to be economical for farms from 10 acres to 100 acres. Many uses on bigger farms. A full line of implements, including a two-way plow. Adjustable front axle. Has a clearance of 20 inches, a wheelbase of 66 inches and weighs 1,450 pounds. Hydraulic control. Equipped with 14.5 horse-power, four-cylinder engine. Made by Aerco Corporation.

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The BEAR CAT Combination GRAIN and ROUGHAGE MILL Also ENSILAGE CUTTER

Grinds any feed—green, wet or dry. This feeder really takes in loose roughage, bundles or bale flakes and no monkey business about it. Large capacity guaranteed with ordinary farm tractor. Grinds grain, ear shapped corn with roughage or separate. Has cutter head and swing hammers. Get full information on this real honest-to-goodness Grinder. Write

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Get Well QUICKER From Your Cough Due to a Cold

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Stanchions, water bowls, stall partitions, litter carriers, factory to farm prices. Write for info. CONTINENTAL MFG. CO., La Crosse, Wis.

—*Our Ads Are News*

RUNTY, POOR DOING, UNTHRIFTY PIGS CAN STILL MAKE YOU MONEY!

Runty, poor doing, unthrifty pigs in the herd usually mean that the herd has had one or more attacks of Necro (Necrotic Enteritis). These attacks could have been mild, medium or heavy. The herd, including the poor ones, should all be given treatment so that your animals will be put back on their feet and will finish out as they should. Don't throw away your money feeding these animals, as they will not grow or gain properly.

Give the Master Medicated Grain treatment that has proven so successful with thousands and thousands of hog raisers over the past twenty-two years. This treatment is guaranteed to be entirely satisfactory to you in every way or your purchase price will be refunded in full. You have nothing to lose and everything to gain.

Any herd given this treatment will finish out sooner and as better animals. Master Liquid Hog Medicine is still inexpensive and easy to use. No special feed to buy. You use your own home grain.

One gallon costs only $4.50, 2 gallons only $8.50, 3 gallons only $12.50, 5 gallons only $19.50 and 10 gallons only $37.50. Express prepaid on orders of 3 gallons or more.

Order one gallon for every 20 head of pigs to be treated. Treatment takes but three weeks, and at the end of the second week results are easily seen. If dissatisfied, write us or return empty container to your dealer within thirty days for complete refund. Buy from your local Master Dealer or order direct from Master Laboratories, P. O. Box 1135, Omaha 1, Nebraska.

If your animals are now suffering from Necro or scours caused by this disease, order Master Liquid Hog Medicine at once and give the three week treatment with the same guarantee. Order for treatment, one gallon for each 20 head, or if now scouring, one gallon for each 8 or 9 head of animals.—Advertisement.

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with MULKEY'S ALL-STEEL PORTABLE ELEVATOR for

• Ear Corn
• Baled Hay, etc.

17½ ft. Lift 24 ft. long

Write for Literature and Prices

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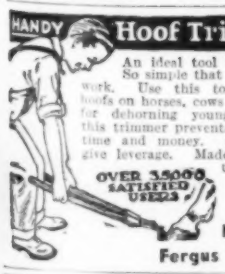

An ideal tool for every farmer. So simple that a boy can do the work. Use this tool for trimming hoofs on horses, cows and bulls. Ideal for dehorning young stock. Using this trimmer prevents accidents, saves time and money. 30 inch handles give leverage. Made of high carbon tool steel. Price $6.25

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FERTILIZER

Schrock Natural Phosphate, Superphosphate, Granular Ammonium Phosphate (16-20-0) now available at your nearest Schrock dealer. If no dealer near you, contact

SCHROCK FERTILIZER SERVICE
CONGERVILLE, - - ILLINOIS

FARMERS WHOLESALE NURSERY, a dependable source for good true-to-name fruit trees. Write for price.
P. O. BOX 65 SMITHVILLE, TENNESSEE

BIG FREE FALL CATALOG

of Farm Bargains, 20 states, many equipped, many illustrated. Write today! UNITED FARM AGENCY, 428-WF, BMA Bldg., Kansas City 8, Missouri.

When writing to advertisers, will you please mention this paper.

Farm News Briefs

FARMERS THEMSELVES will get a chance to tell the house committee on agriculture what sort of long-range farm program the United States needs. The committee will hold hearings thruout the country in the next two months. A hearing at Sioux City, Iowa, is scheduled for October 27.

▲ ▲ ▲

SENATORS ALSO will seek farm views on a long-range farm program. Schedule of senate hearings includes one at Ames, Iowa, October 22.

▲ ▲ ▲

DATES for the 1947 International Livestock Exposition, Chicago, are November 29 to December 6.

▲ ▲ ▲

FARM WORKERS in Iowa got an average daily wage of $7, without board, during August, Iowa State College reports.

▲ ▲ ▲

FARM WOMEN from 65 nations elected Mrs. Raymond Sayre, of Warren county, Iowa, as president of the Associated Country Women of the World, at their convention in The Hague, Holland.

▲ ▲ ▲

IOWA NOW HAS 702 frozen food locker plants, more than any other state. Other leading locker states are: Washington with 576, Minnesota with 572, Wisconsin with 565, and Illinois with 535.

▲ ▲ ▲

LOANS on 1947 late-crop Irish potatoes can be secured by growers who stayed within their acreage goals. Loan rates for Iowa are $1.25 per cwt. for U. S. No. 1, and 40 cents for No. 1 Size and No. 2.

▲ ▲ ▲

FIRES LAST YEAR killed 3,500 farm people, destroyed 85 million dollars' worth of farm property. Farmers are urged to check heating systems, chimneys, roofs, wiring and other fire danger spots during National Fire Prevention Week, October 5-11.

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IOWA FARM BUREAU Federation will hold its twenty-ninth annual meeting in Des Moines, November 17-20. Headline speakers will be Dr. R. H. Montgomery, atomic energy authority, and Col. Hugh Hester, army officer in charge of food and agriculture in the American zone of Germany.

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FOOD SHIPMENTS to Europe must be continued "if chaos is to be avoided." So said the Iowa Farm Bureau Federation in a statement issued last month. The statement called on farmers to boost production by all available means, to fight inflation. Bureau members also were asked to conserve food and reduce consumption by voluntary self-restraint.

▲ ▲ ▲

TRACTORS USED on roads or highways come under Iowa's new drivers financial responsibility law, says an attorney general's ruling. That means tractor drivers involved in serious highway accidents must be able to prove financial responsibility up to $11,000. If they can not, they will lose auto drivers' licenses. The law goes into effect October 6.

NOW!

BRAND NEW EXTRAORDINARY! GOVERNMENT RELEASE

ALL PURPOSE STIRRUP PUMPS

Shoots a High Pressure Stream 30 Feet!

Just the Thing!
• SPRAYING GARDEN
• WASHING CARS
• BAILING BOATS and BASEMENTS
• FIRE FIGHTING
• WHITEWASHING FENCES

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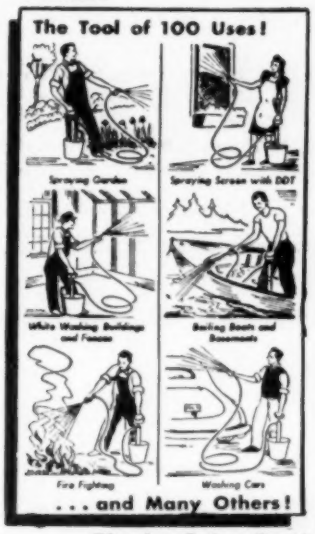

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Please send me..... All-purpose Stirrup PUMPS at $1.49 each postpaid.
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IT'S MORE THAN ORDINARY DDT

It's a Disinfectant, DDT and White Paint all in one

Why spend money and labor on two separate, troublesome, expensive jobs when Carbola-DDT

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ONE EASY LOWER COST OPERATION

(1) KILLS FLIES (2) KILLS DISEASE GERMS (3) GIVES WHITE WALLS

Kills spiders, 90% less cobwebs for 8 to 10 months.
Better barn sanitation; lower bacteria . . . Fewer poultry losses.

Hardware, Feed, Seed, Drug, Farm Stores—1 lb. 25¢, 5 lb. 75¢, 10 lb. $1.25, 25 lb. $2.75, 50 lb. $4.85. *Prices slightly higher in Rockies & S.W.*
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Let the advertisements in Wallaces' Farmer and Iowa Homestead form your buying directory. If the articles you wish to purchase are not advertised in this paper, we will be glad to give you the names of reliable firms from which you can make your purchases.

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Farm telephones are being added at the rate of 700 a month in the territory we serve.

More than 80,000 are now in service, about 18,000 having been added the last two years.

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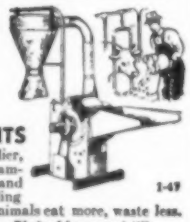

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Big power-saving grinding chamber ... 4-way swinging, reversible hammers—positive non-clog auger feed to blower ... longer screen, easily changed. Big capacity at low speed. All-steel frame; ball bearings.

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A GEHL WINS FRIENDS WHEREVER IT GOES

HOT FLASHES?

Women in your '40's'—this great medicine is *famous* to relieve hot flashes, nervous tension—when due to the functional 'middle-age' period peculiar to women. *Worth trying!*

LYDIA E. PINKHAM'S VEGETABLE COMPOUND

New Bean Varieties Are Coming

Farmers See How Soil Treatment Affects Corn and Bean Yields at ISC Field Day

"THE place for soybeans in the rotation is to replace corn." That's what farmers were told at the Corn-Soybean Field Day at the Iowa State College agronomy farm, last week.

Soybeans should not be used to stretch out the rotation an extra year. That means row crops on the land for a larger per cent of the time, and more losses in fertility.

For soybeans are not soil-building legumes like the clovers and alfalfa. They may add small amounts of nitrogen to the soil, but soybeans draw heavily on plant food in soil.

Corn yields following soybeans, however, are higher than are corn yields following corn. The average increase for corn following soybeans was five bushels, in a yield test made in 1943 and 1944. Corn following beans does better than corn following corn, with all kinds of soil treatments.

You haven't seen the last soybean variety yet. Field Day visitors at the agronomy farm saw dozens of varieties growing in short rows. Some were the result of new crosses.

"Soybeans have already proved more adaptable to changes in the weather than has corn," said C. R. Weber, U. S. Department of Agriculture plant breeder, located at Iowa State College.

He pointed out that this year's corn crop may be damaged one-half by wet and dry periods of weather. The bean crop, Weber said, may be damaged one-third.

Farmers could see the wide range of maturity dates for soybeans. Some were dead ripe; some had leaves falling, and other varieties were still green.

Beans were planted as late as July 1 and July 15 on some of the plots. With an average frost date, Weber expected that these late beans would give fair yields.

Farmers up in northern Iowa are interested in a new variety of soybeans which will prove as popular there as the Lincoln variety is in the southern section of the state. Lincoln is not recommended for the northern three tiers of Iowa counties.

I. J. Johnson explained to the Field Day visitors that new beans now being developed may fit the northern section.

Crosses are being made with the northern Iowa Richland beam and the Lincoln bean.

The Lincoln-Richland cross may produce a variety of bean for the northern corn belt. But it is five years away, Johnson said. It requires 10 to 12 years to produce a new bean variety and get it ready for distribution.

Field Day visitors were told that Richland, Earlyana and Habaro beans are best for northern Iowa.

Richland and Habaro do their best on fertile soils, as they grow close down to the ground. The yields for the two are about the same. The Richland has the better oil content, but the Habaro is about a week earlier. Earlyana grows tall, and is better adapted for thin land.

Lincoln is the outstanding bean for areas south of the northern three tiers of Iowa counties, the farmers were told. Black Hilum, Manchu and Mukden are satisfactory for central Iowa, and Illini and Dunfield for southern Iowa.

Chief is a late variety of beans which is recommended only for the southern tier of Iowa counties. Even there, Chief should be planted early.

Standing in plots where new soybean crosses are growing, I. J. Johnson, of ISC, tells farmers that from 10 to 12 years are required to get new bean varieties ready for distribution.

Field Day visitors did not have to be told that soil treatments and rotations had effects on the yields of corn and soybeans. They could see it on the experimental plots. And the figures given, too, were impressive.

Land that had been in continuous corn, without the use of manure or fertilizer, produced a yield of 41.5 bushels per acre in the years 1941 to 1945. With manure and lime, the yield was increased to 56 bushels per acre.

A two-year rotation of corn and oats increased the corn yield to 47.8 bushels where there was no soil treatment. The yield went up to 71.3 bushels with manure and lime.

A three-year rotation of corn, oats, meadow increased yields to 63.1 bushels without treatment and 78.9 bushels with manure and lime.

A four-year rotation of corn, corn, oats, meadow yielded 57.2 bushels without treatment and 77.1 bushels with manure and lime.

The above figures show that the three-year rotation produces the biggest corn yields. The reason may be that corn does not follow corn in the three-year rotation. All experiments on the agronomy farm show reduced yields where corn follows corn in the rotation.

Behlen Hand-Hydraulic WAGON DUMPER

Here's a handy dumper! Takes only 90 seconds to dump heaviest loads. A boy can do it, like jacking up your car.

Dump anything — *anywhere!* Wagon box raises plenty high (see photo). Wheels stay on ground. No need to unhitch horses or tractor.

Behlen Hydraulic Wagon Dumper fits most all wagons. Reasonably priced. Thousands in use. Full particulars in FREE illustrated folder. Fill out coupon now!

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With This New SUPER-DRAULIC HOIST Unit

Farmers, mechanics, blacksmiths, —build Tractor loaders and dump trailers for yourselves — build them for others! Save money—make money. Using our famous SUPER-DRAULIC Lifting Units plus a few pieces of metal pipe and scrap, anyone can equip an International (H and M), John Deere (A and B) and all other tractors on which hydraulic pumps may be installed — own the best hydraulic loader in the neighborhood. Costs a fraction of the price of most loaders.

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With every SUPER-DRAULIC Hoist we supply the simple, easy-to-follow instructions on how to make loader frame, bucket, etc. and install with double lift.

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CHAMPION PORTABLE MILL

FOR SALE OR LEASE

This 100 H. P. machine grinds a triple box of corn in 12 minutes, also big capacity fine grinding. Quick delivery on sale of factory rebuilt mills. Will lease without investment, with option to buy later if desired. Ground level feeder and automatic percentage mixer available at extra cost.

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Ammate Weed Killer

(Du Pont)

Very effective on late weeds and hard-to-kill perennials—buckbrush and sprouts. Write for free leaflet and name of your nearest Du Pont dealer.

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Successors to Anchor Serum Company of Iowa

HENS DYING IN THE NESTS OR UNDER THE ROOSTS?

Don't Take Chances! DEAD HENS are just so much profit and investment LOST.

Look for CHOLERA or TYPHOID

At the first sign of CHOLERA or TYPHOID act quick! These diseases often endanger the entire flock.

GIVE FOWLTONE In the Drinking Water

In any type fountain, Dr. Jespersen's FOWLTONE concentrate is used by thousands. Prices—For 100 Hens, $2.75; 200 Hens, $5.25; 400 Hens, $9.75. Also for chicks of any age—great tonic benefits.

WORMS? LARGE ROUND AND CECAL WORMS

USE Dr. Jespersen's GETS-EM In the Drinking Water

In any type fountain, GETS-EM is safe for chicks and laying hens. Remove worms for better health, growth and vitality. Prices—for 300 Hens, $2.50; for 600, $4.75; for 1200, $9.00.

SEE YOUR JESPERSEN DEALER

If he is out, to save time we will ship FOWLTONE or GETS-EM direct to you at above prices prepaid if check or M. O. with order—or C.O.D. and you pay delivery charges. Dealers wanted.

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Ask or write for Dr. Jespersen's latest complete booklet, handsomely printed in colors. Helpful information on poultry diseases. Free.

Dr. Jespersen's LABORATORIES

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Now Instant Controlled Oiling

Golden Rod De Luxe Pump Oiler

Why monkey with old-fashioned oil cans when America's finest Pressure Oiler does the job so much Faster, Easier and Better? Thumb-operated pump starts oil-flow quickly—releases single drop to solid stream with 250-lb. tip pressure. Pumps oil from any position. Wonderful for oiling from underneath, hard-to-get-at places, etc. Handles any oil that flows. Built of extra heavy steel. Precision pumping assembly. Your choice of 3 spout types. Backed by broad 5-year guarantee.

Sold by Hardware and Implement Dealers

DUTTON-LAINSON CO., Mfg. Div., Hastings, Nebr.

PIN-WORMS now can be beaten!

The miseries of Pin-Worms have been known for centuries, and millions of victims have sought a way to deal with this pest that lives inside the human body.

It is no longer necessary to suffer in silence, because a highly effective treatment for the ugly infection has now been made possible. It is based on a special, medically recognized drug principle. This officially approved drug element is the vital ingredient in P-W, the medically sound Pin-Worm tablets developed in the laboratories of Dr. D. Jayne & Son.

The small, easy-to-take P-W tablets act in a special way to remove Pin-Worms. So watch the warning signs that may mean Pin-Worms in your child or yourself—especially the aggravating rectal itch. And don't delay! Ask your druggist for JAYNE'S P-W and follow the directions.

P-W TABLETS FOR Pin-Worms

Many Never Suspect Cause Of Backaches

This Old Treatment Often Brings Happy Relief

Many sufferers relieve nagging backache quickly, once they discover that the real cause of their trouble may be tired kidneys.

The kidneys are Nature's chief way of taking the excess acids and waste out of the blood. They help most people pass about 3 pints a day.

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

Don't wait! Ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

—OUR ADS ARE NEWS—

Fiftieth Crop was cut this year by binder owned by Ed Christiansen (on binder), Sac county, Iowa. Previous owners were Ed's father, Chris, and grandfather, Broder, who purchased the binder back in 1898. Shown on tractor is the Rev. G. H. Schaefer.

Voice of the Farm

Thinks Weed Law Is Stupid

To the Editor: Why should there be such a stupid law as to compel a man owning land along the road to have to cut the weeds when he does not have any more right to that road than a man from Canada or Ireland?

Let us hope for a law requiring roads to be taken care of the same as are main highways. There are men who need the work, and we certainly pay taxes enough to have it done.—Edward Eden, Clinton County, Iowa.

Who uses the road?—Editor.

It's Easy To Insure Hired Man

To the Editor: In your September 20 issue, Harold Scherbaum asks if farmers can carry insurance on their help.

Any good insurance agent can tell you of a policy covering a hired man, either on full-time or at day work. Cost is cheap and it pays for itself in peace of mind.

We have insurance on our help as part of a farm liability policy which also covers us in the event livestock accidentally breaks out and causes a wreck or other damage. It also covers damages when the tractor is involved in an accident, etc. Such a policy seems a necessity to us.—Mrs. Cap, Adair County, Iowa.

Might be a good idea for any farmer.—Editor.

She Teaches School For 34 Years

To the Editor: When school opened this fall, Miss Alice Williams began her thirty-fourth year as teacher of Spaulding school, in McLean county, Illinois. Many of her former pupils are now living in the district and have children going to the school. Two of the present directors are former pupils.

Can anyone beat this record?—Mrs. Ralph Bramwell, McLean County, Illinois.

Teachers' pay hasn't encouraged many such records.—Editor.

Says He Made Less As Civilian

To the Editor: In answer to Mrs. N. M.'s remark (August 16 issue) about letting the boys who had deferments in the war pay the veterans' bonus:

I suppose she thinks we made a million while the boys were fighting. I worked for $75 a month, which is a lot less than a lot of boys got in the service. Besides, we had to buy our own clothes and board and put in longer hours. I don't think anybody who was lazy got a deferment.—Henry J. Steenhoek, Jasper County, Iowa.

Why not agree that drivers of tanks and tractors both played an important part in the war effort?—Editor.

His Record As Hired Man—48 Years

To the Editor: My brother, Joseph Sandbothe, has worked on the same farm since 1899. He was employed first by a mother, then by her son, and still remains with the present tenant.

This being a dairy farm, he has milked approximately 200,000 cows during his long term.

This, I believe, is the record—48 years on the same farm.—Mrs. Ben Brinkschroeder, Lee County, Iowa.

We think it is, too.—Editor.

Wants County to Pay Bounty on Rats

To the Editor: In your issue of August 2, you mentioned that rats cost Iowa farmers $2,100,000 per year. We'd howl over a tax like that, but we still support this army of rats. I suggest that the board of supervisors of each of the 99 counties offer a bounty of 5 cents for each rat tail brought to the county auditor.

Every kid in the country would be catching them for the bounty. And who would be willing to have 100 rats running loose at a cost of $5? — C. W. Files, Cerro Gordo County, Iowa.

But wouldn't the bounty payments be a lot more expensive than poison?—Editor.

SAVE HIGH PRICED CORN!

feed KENT Molasses Mix CATTLE FATTENER

With corn selling at the present high prices, you are no doubt interested in finding a quality molasses feed that will save high priced corn yet give fast gains and fine finish. So, here it is! KENT MOLASSES-MIX. A good heavy molasses feed built with quality ingredients.

Order a supply from your nearest KENT dealer today.

KENT FEEDS "THE FEEDS WITHOUT A FILLER"

MISSISSIPPI VALLEY GRAIN & FEED CO. - Muscatine, Ia.

Happy Days for Sluggish Folks

WHEN CONSTIPATION makes you feel punk as the dickens, brings on stomach upset, sour taste, gassy discomfort, take Dr. Caldwell's famous medicine to quickly pull the trigger on lazy "innards", and help you feel bright and chipper again.

DR. CALDWELL'S is the wonderful senna laxative contained in good old Syrup Pepsin to make it so easy to take.

MANY DOCTORS use pepsin preparations in prescriptions to make the medicine more palatable and agreeable to take. So be sure your laxative is contained in Syrup Pepsin.

INSIST ON DR. CALDWELL'S—the favorite of millions for 50 years, and feel that wholesome relief from constipation. Even finicky children love it.

CAUTION: Use only as directed.

DR. CALDWELL'S SENNA LAXATIVE CONTAINED IN SYRUP PEPSIN

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PAUL A. SCHILLING

HOLSTEIN DISPERSAL

137 REG. AND GRADE HOLSTEINS

—35 Reg. cows. Several fresh or springing
—22 Reg. heifers, 1 to 2 years of age
—10 Reg. heifers, 3 to 10 months of age
—17 Reg. bulls, 2 to 12 months of age
— 2 Reg. herd sires, 2 and 4 years old
—25 Grade cows. Many fresh or springing
— 8 Grade 2-year-old heifers
—19 Grade heifers, calves and yearlings

A good herd—the result of years of breeding, testing and culling. Calfhood vaccinated since 1943. Young stock by the herd sire, Gilker Ambassador Louis, whose sire is a 1,209-lb. fat son of Carnation Governor Imperial. 37 purebred females by Franlo Piebe Fobes. All cows have records.

FRIDAY, OCTOBER 17th

Starts at 1 P. M. at the farm on Grey Cloud Island, 7 miles south of St. Paul Park, Minn., 18 miles south of St. Paul.

LIBERAL TERMS

MINNESOTA SALES CO., Clerk
ROCHESTER

For further information write
G. R. Melin, 4529 S. Bryant, Minneapolis

POLAND CHINA SALE

At farm 7 miles south of

AUSTIN, MINN., OCT. 15

35 Head—30 Boars, 5 Gilts

A carefully picked group from **145** spring pigs and sired by **PERFECT TYPE, RECOMMENDATION, SUPER VALUE,** and **DESIGNER**, the 1st prize junior yearling at 1947 Illinois State Fair. Our herd has been in the Austin Area Sow Testing Association and we have weighed our pigs at weaning time each year since 1938. The 5 gilts are of foundation material. Plan to come. Ask for **FREE** catalog. Please mention this publication.

J. H. AULTFATHER & SON, AUSTIN, MINN.
Auctioneer, Joe Reisch

Spotted Poland SALE

At Fair Grounds

SPENCER, IOWA, OCT. 10

50 TOP BOARS

A choice offering selected from a large number sired by **BROADWAY, GOLD ROCK** and **PERFECTION PLUS.** The **BROADWAY** pigs furnishes you new blood. All well-grown, excellent type, and quality. Plan to attend. Ask for **FREE** catalog. Mention this publication.

KARL E. CARLSON
LAKEFIELD, MINNESOTA

3800 Feeder Calves

Producer's Auction Sales from top
ANGUS & HEREFORD HERDS
UNIONVILLE, MISSOURI
1,000 HEREFORDS.....OCT. 6th
2,000 ANGUS.....OCT. 7-8th
BETHANY, MISSOURI
800 Angus and Herefords, Oct. 9th
Plan to attend. For FREE information address
Don C. Pollack, Mgr., Unionville, Mo.
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NORTH IOWA

Guernsey Sale

At Fair Grounds

Mason City, Iowa, Oct. 11

8 BULLS — 40 FEMALES

A fine offering which will include registered cattle and a few high grade cows. Several cows are fresh, others to freshen soon. The 8 bulls are good type and quality. A sale you will want to attend. Ask for **FREE** catalog. Please mention this publication. Address

ERNEST HOUCK, Secy.
Radcliffe - - - Iowa

SHORTHORNS AT AUCTION

"The Sale of Satisfied Buyers"

In Sale Pavilion

ABINGDON, ILLINOIS

SATURDAY, OCT. 25th

85 LOTS

30 Outstanding Bulls
55 Richly-Bred Females

A truly great offering of cattle selected from good herds in this section, where they have made a livelihood out of the production of better Shorthorn cattle. The strongest offering ever sold in this widely known auction. The bulls are most all ready for immediate service and include much herd bull material. You can find a bull in this sale. The females include cows with calves at side and rebred, bred cows and heifers and a grand lot of good open heifers. A place to purchase cattle that will make a *QUICK PROFIT*. Prices are always reasonable here. The large number affords a wide selection. Plan to attend. Ask for **FREE** catalog. Please mention this publication. Address

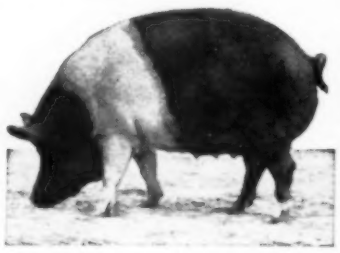
HAL LONGLEY, Sale Manager
16 S. Locust Street AURORA, ILLINOIS
Auctioneer, J. E. Halsey

Linlithgow Hampshire Sale

In Washington Armory

Washington, Iowa

October 24



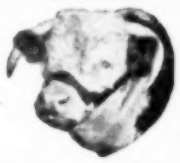
NIGHT SALE—Starts at 7:30 P. M.
60 HEAD—25 Boars, 35 Gilts

We have been building a good herd for years and for our first sale we have selected a splendid lot of boars and gilts. Sired by **COMPREST, THICK-BOY, LINLITHGOW BLOCKADE** and **SAFEWAY,** a great battery of high-class herd sires. All are well-grown, displaying modern type and with plenty of real quality. Excellent breeding. Plenty of the right kind for Breeders and Farmers. Plan to come. Ask for **FREE** catalog. Please mention this publication.

DAVE LIVINGSTON, Linlithglow Farm, WASHINGTON, IOWA

4th Annual Fall Sale

Midiowa Hereford Association



Marshalltown Livestock Auction Barn

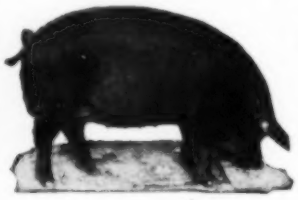
57 HEAD—28 Bulls, 29 Females

Marshalltown, Iowa, Monday, October 27th

Midiowa herds consistently produce top cattle. Two of the five 1st prize Hereford steers at 1947 Iowa State Fair were **Midiowa-bred.** The offering selected from 20 herds include cows with calves, at foot and rebred. Top **4-H** Club heifers from Central Iowa and Jasper County shows, young bred cows and open heifers. The bulls include proven sires, growthy bulls of herd-heading quality and of serviceable age and a few top yearling prospects.

SPECIAL ATTRACTION: A group of purebred calves suitable for **1948** 4-H prospects. All steered and started on feed. Plan to attend. Ask for **FREE** catalog. Please mention this publication. Address

MRS. HAROLD J. PETERSON, Secy., LISCOMB, IOWA



GOOD QUALITY DUROCS

In F.F.A. Building

IOWA FALLS, IOWA
OCTOBER 24, 1947
55 HEAD
25 Good Boars, 30 Choice Gilts

A great offering selected from a large number and mostly sired by **TOPPERS KING,** by the sire of Champions, others by **MARKET TOPPER,** one litter by **OAKDALE ROYAL TOP,** and 4 outstanding boars by **CONSTRUCTION TYPE,** 1946 Indiana Junior champion. All well grown, thick, smooth and with deep hams. A high-class uniform lot of well-bred Durocs. Plan to attend. Ask for **FREE** catalog. Please mention this publication. Address

WILLARD C. KLEIN, R. 1, IOWA FALLS, IOWA

Spotted Polands

Sale at farm, under cover

OCTOBER 11th

Over **100** head of **BOARS** and **GILTS,** the easiest feeding pigs I have ever raised, that's what counts more than ever with high feed prices. They are by **TOP HIGH,** the $1,210 top son of Bingo, 1947 Iowa grand champion; **ADVANCE,** a $3,000 boar; **SQUARE SUPREME,** the $800 boar, and the $3,000 **PILOT** and **CITATION.** Great sires. You can buy them at your own price here. Come. Ask for **FREE** catalog. Please mention this publication.

ALBERT KREMER, LAKE LILLIAN, MINNESOTA

—START SAVING NOW THE EASY U. S. SAVINGS BOND WAY—

SHORTHORN DISPERSAL

COMPLETE DISPERSAL OF THE G. MARCO & SONS HERD OF LA CROSSE, WISCONSIN

44 REGISTERED SHORTHORNS

—22 young cows —8 calves
— 6 yearlings —3 yearling bulls
—1 herd sire

The herd was established in 1902. Excellent type and strong Browndale breeding. The younger half of the herd is by Star of Dawn, a grandson of the famous International champion, Browndale Goldspur.

THE HERD SIRE:

Regal's Gift 2346832, a 2 year-old. Bred by V. S. Miller, Lodi, Wisconsin. A son of Regal Leader, from Rosewood 114th.

Certified Bang's Free. T.B. Accredited

ALSO SELLING

Hogs, sheep and equipment, the same day.

FRIDAY, OCTOBER 10th

10 A. M. (Shorthorns afternoon). At the farm, 6 miles northeast of La Crosse on U.S. 16 and 1 mile north.

LA CROSSE, WISCONSIN

LIBERAL TERMS

THORP FINANCE CORP., Sale Managers
THORP, WISCONSIN

SPOTTED POLAND CHINA SALE

At farm, 6 miles east on Highway 9

ROCK RAPIDS, IOWA
OCTOBER 17, 1947
50 BOARS

A choice offering of the thick, modern type, with heavy hams. They are sired by Rejuvenator, top son of Honor Bound, and by My Ideal. Type and quality that will please the farmers and breeders. Boars to fill all needs at your price! Write for **FREE** catalog, mentioning this paper.

JULIUS F. ROTHS
Rock Rapids - - Iowa

Special Dairy Sale

In the new pavilion, 30th and L Streets

OMAHA, NEB., OCT. 20

Fifty head of Holsteins, Guernseys, Brown Swiss and Milking Shorthorns. This is a consignment sale of Minnesota, Wisconsin, Iowa and Nebraska, inspected and approved high grade fresh and springer cows and heifers cash to owners of good high grade dairy cattle that are ready to sell. Write and tell us what you have so that we may inspect them before listing. Everything must be **T.B.** and **Bangs** tested. For full details write to

H. C. McKELVIE, Sale Mgr.
Stock Yards Sta. Omaha, Nebraska

Annual Fall Breeders Sale

Registered Milking Shorthorns

In the new pavilion, 30th and L Streets

OMAHA, NEB., OCT. 30

60 HEAD—50 FEMALES, 10 BULLS

Closing out Roy B. Morrison herd, Lyons, Nebr. Two outstanding tried herd bulls; a lot of big, fresh and springer cows and heifers, open and bred heifers and herd heading young bulls from Iowa and Nebraska herds. A few Polled Milking Shorthorns are included. Write today for a catalog of this sale. Address

H. C. McKELVIE, Sale Mgr.
Stock Yards Sta. Omaha, Nebraska
Col. Burritt B. Allen, Auctioneer

HAMPSHIRE SALE

OCTOBER 14th (Night Sale)

The 50 head, 20 boars and 30 gilts, are by **POST WAR HONOR, PRAIRIE GOOD CHECKERS, SHINE ON, ONE-A,** and **MID-WAY.** Good breeding. Excellent quality. Many will weigh 200 lbs. by sale date. Come. Ask for **FREE** catalog.

E. R. Brenneman & Son, Winfield, Iowa

ONE DOLLAR PRIZE

Readers are invited to contribute farm items of interest for the department, "It Happened in Iowa." One dollar each will be paid for items used. If you want photographs or drawings returned, enclose stamps. Otherwise, no contributions will be returned.

A good many hundred contributions are received and only a small number can be used. Don't be too disappointed, therefore, if your contribution does not appear. We are oversupplied with items about deformed farm animals, odd-shaped eggs, vegetables, etc.

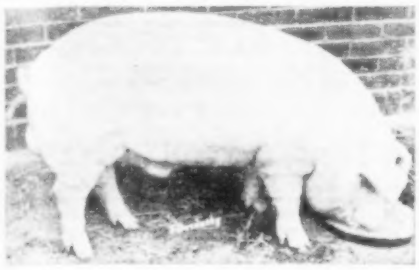
Livestock News

The Maryville Aberdeen Angus sale, held by Hal Hooker, Catterson Bros., Cott Sawyer and Zimmerman & Son, of Maryville, Mo., and E. L. Osburn & Son, Bedford, Iowa, on September 8, at Maryville, encountered one of the hottest days of the season, but they made a good sale and 69 head averaged $281. Owing to the temperature, the crowd did not seem as large as we have seen there, but it was one of those good buying crowds that took the cattle at good prices. The top of the sale was the Hal Hooker bull, Ellesmere of South Oaks, and he went to Zimmerman & Son, at $500. Another Hooker bull went to Early & Brown, Redding, Iowa, at $290. The E. L. Osburn & Son bull, Revolution Blue Boy 6th, went to Stanley Rank, Clearfield, Iowa, at $320. These were the top selling bulls in the sale. The top selling heifer, Juanerra C., was from the Catterson herd, and she went to E. L. Osburn & Son at $400. John Warin, Maloy, Iowa, took the other Catterson heifer, Juanette 6th, at the same figure. The top cow was Juanerra Erica, from the Hooker herd, and she went to Jesse Hopple, Hopkins, Mo., at $475. Many of the calves were taken right off the cows and sold separately. Clyde Barr & Son, Red Oak, Iowa, took Barbara SKS-16 at $360, and Wayne Barter, of Blythesdale, Mo., got Bandy Maid Burgess SKS-6 at $410. O. E. Bradley, Elmo, Mo.; J. T. Logan & Son, Maryville, Mo.; Elmer Chaney, Greenridge, Mo.; A. L. Harel & Son, Blanchard, Iowa; M. C. Athen, Hamburg, Iowa; Paul Pappert and others were heavy buyers in this sale.

HOLSTEINS

High Grade Holsteins

Choice cows and heifers to freshen this fall, nicely marked. Bred to good sires.
Phone No. 64
R. C. JONES WEST CONCORD, MINN.



Model Chieftain, 1946 Iowa Junior and Reserve Grand Champion, a son of Big Chief, and a litter mate to Reserve Grand Champion Barrow.

Quality Chester Whites

Sale at farm, located 8 miles east of Marshalltown on Highways No. 30 and 64 and just west of

Le Grand, Iowa

Wednesday, October 8th

30 TOP BOARS
20 CHOICE GILTS

One of the greatest offerings we have ever sold. Sired by **BIG CHIEF** and **FASHION MODEL.** It was **BIG CHIEF** that sired the first prize fall boar and Junior Champion at 1947 Iowa State Fair as well as many other winners. **FASHION MODEL** sired the first prize and Reserve Junior Champion Gilt. We feature **5** boars and **4** gilts, full brothers and sisters to the Junior Champion Boar and **5** litter mate boars to the Reserve Junior Champion Sow. Breeding to assure their future usefulness. The type and quality that will appeal to our best hogmen. Plan now to come. Ask for **FREE** catalog. Please mention this publication.

C. T. KEEN & SONS - LE GRAND, IOWA
Auctioneer, Clair Mason Maurice W. Boney, Fieldman

QUALITY
SPOTTED POLANDS

At farm, 1 mile north and 4 miles east, near

MALLARD, IOWA

OCTOBER 10 — NIGHT

50 TOP BOARS

We have selected only the tops to make this an outstanding offering of big, well grown boars. Farmers and breeders will easily find quality boars to fill their needs. They are mostly sired by the **CLIMAX** and the sensational **ROCKET.** All are wide and deep with heavy hams . . . the fast gaining easy feeding kind. We sincerely believe this is the best offering of boars we have ever offered at public auction. You will want to inspect this lot before deciding your herd boar problems. Make plans now to be with us at the farm, 1 mile north and 4 miles east of Mallard on the night of October 10th.

FRED F. GOODCHILD & SONS, MALLARD, IOWA
Taylor and Martin, Auctioneers

HARVEY C. LARSEN'S GREATEST SALE
Spotted Poland Chinas
50 BOARS — 50 GILTS
Harlan, Iowa,
Thursday Afternoon, Oct. 9

These boars and gilts are sired by Genius, that great son of Prospect, and out of a Welcome dam; Correct Way, a good son of Hebner's Choice; and HC Special, that great breeding boar, sired by New Era. Dams of these are daughters of Gold Bond, Show Boat, Royal Bond and Gold Lad. These are strictly the middle of the road kind—big, thick, easy-feeding quality boars. There will be plenty of herd boar prospects among them. I am selling a great set of gilts, some of the best to be sold this fall. They will make a real addition to any herd, or a real foundation for the man starting a new herd. Write for my catalog at once and mention Wallaces' Farmer and Iowa Homestead. Address

HARVEY C. LARSEN, HARLAN, IOWA
Taylor and Martin, Auctioneers M. T. White, Fieldman

BOYLE-BUSCH POLLED SHORTHORNS

At the Fair Grounds

HENRY, ILLINOIS
Thursday, October 23rd
85 ROYALLY-BRED CATTLE

Marshall L. Boyle, Granville, Illinois, will sell 50 head from his great herd and N. J. Busch, Chillicothe, Illinois, catalogs 35 choicely-bred cattle from his well-known herd. Several high-class bulls, a number of cows with calves, bred cows and heifers and attractive open heifers. A sale you will want to attend. Ask for the **FREE** catalog. Please mention this publication. Address

HAL LONGLEY, Sale Mgr., 16 S. Locust St., AURORA, ILLINOIS
Auctioneer, J. E. Halsey

CEDAR VALLEY **Hereford Breeders Sale**

In the comfortable pavilion, All-Iowa Fair Grounds, Hawkeye Downs

Cedar Rapids, Ia.
Tuesday, October 28

BEST CATTLE AVAILABLE IN IOWA THIS FALL

72 HEAD **22 CHOICE HERD BULL PROSPECTS**
51 RICHLY-BRED FEMALES

A specially selected lot of cattle drawn from 13 of the good herds in Iowa, which include a grand lot of bulls ready for service, a few tried sires and some excellent younger bulls. The females include young breeding cows with calves at foot by great sires, many are rebred. A fine lot of bred cows and heifers and some most attractive open heifers. The consignors are:

	Bulls	Females		Bulls	Females
McMahon Bros., Graf	4	19	Tuttle Bros., Norway	1	8
Arthur Jacobs & Sons, Marengo	0	5	Lyman Meyer, Bellevue	2	4
Fred Stock & Son, Lone Tree	3	6	Chauncey Meyer, Bellevue	1	1
E. C. Taylor, Baldwin	4	3	L. F. Koep & Son, Belle Plaine	1	1
John J. Kennedy, Epworth	3	0	C. C. Craft & Son, Rowley	1	1
Carl A. Zanche, Peosta	1	2	Happel & Sons, Cedar Rapids	0	1
Valley Hereford Farm, Riverside	1	0			

The rich blood of the following sires are represented: IOWA DOMINO 18th, DON BLANCHARD 29th, M. B. IOWA DOMINO 78th, AMERICAN DOMINO 47th, FRC BOCALDO TONE 4th, BLOCKY MISCHIEF M. 27th, WHR JUPITER DOMINO 35th, REAL ONWARD 6th, C. F. BRILLIANT CARLO, O. ROYAL RUPERT 16th, PRINCE MISCHIEF 12th, DON LETSTON 21st, BEAU GASTON 669th, MISCHIEF STANWAY 33rd, REAL DOMINO 66th, IOWA DOMINO 21st, REAL TYPE 14th, and others. Breeding unexcelled. One of the best opportunities of the fall season to purchase modern type Hereford cattle. All **T.B.** and **BANGS** tested. Plan to attend. Ask for **FREE** catalog. Please mention this publication. Address

DEAN JACOBS AND TOM SHERLOCK, Managers
Box 3 OXFORD, IOWA
Auctioneer, J. E. Halsey

CARL HEBNER'S
DUROC JERSEY SALE

50 BOARS AND GILTS
JEFFERSON, IOWA
Monday, October 20th
NIGHT SALE—IN PAVILION

Take it from me I have a splendid offering for my initial sale of Durocs, coupled up with the best blood of the breed. I will drive through the ring some of the best boars and gilts that will be sold this fall. These are sired by **MARKET TOPPER, NEW CREST, LOW SET, SECO RED KING,** and other well known boars. In laying the foundation for my herd I drew on the very best of the Duroc Jersey breed, and I will have some boars and gilts in this sale that will be good enough to go into any of our best herds. I am holding this sale in Jefferson, Iowa, in the sale pavilion, and will have accommodations for everybody. Write for my catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

CARL HEBNER, JEFFERSON, IOWA
H. J. McMurray, Auctioneer M. T. White, Fieldman

HOLSTEIN DISPERSAL
of the SUNNY HEIGHTS FARM HERD
MONDAY, OCTOBER 20, 1947
Sale at the farm, 2 miles north and 2¾ miles east of
RINGSTED, IOWA
—55 Registered Cattle—

Consists of **16 cows,** all young, **10** with calves at side, balance close springers; **12 outstanding 2-yr.-old heifers,** all due to freshen within 30 to 90 days; **10 open yearlings,** all by Dunloggin sire; **12 baby calves,** including a **set of triplets; 7 growthy bulls,** 12 to 15 mos. old and from dams up to 500 lbs. fat.

All young stock (under 2 years) sired by senior herd sire, an inbred son of **Dunloggin Design,** from a 3-year-old dam with 730 lbs. fat. Herd classified, 3 very good, cows with records up to 515 lbs. fat. Entire herd **calfhood vaccinated.** Write for catalog. Sale held in connection with complete closing out farm sale. Also selling **20 Purebred Spotted Poland Boars.**

M. H. PETERSEN, Prop., RINGSTED, IOWA
CLAUDE E. WYLAM, Auctioneer and Sales Mgr., WAVERLY, IOWA

L. R. McClarnon & Sons
SALE
40 Boars and 10 Choice Gilts
Clarinda, Iowa, October 13, 1947

We are holding this sale at Clarinda, Iowa, because of a bridge out just east of Braddyville, that leads to our farm, so we want the breeders to remember this when they come to my sale. In this sale we are selling 40 head of the picked boars in my herd, and 10 of the very choicest spring gilts. We think this is about the best lot of boars and gilts that we have ever sold. They are sired by Manchu, one of the greatest boars of the breed, and one of the best breeding boars we have ever owned. Others are sired by Farmer Boy, Blue Clip and King Cole. They are out of daughters of Wide Out, Manchu, and Low Down. The gilts will be litter sisters to the boars selling in the sale. We are selling some top herd boar prospects in our sale, and if you are looking for something of that kind remember we have them for you. We also have some very excellent gilts that will make great herd sows in anybody's herd. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Send your bids to M. T. White, Wallaces' Farmer representative in our care. Address

L. R. McCLARNON & SONS, BRADDYVILLE, IOWA

Col. H. S. Duncan, Auctioneer M. T. White, Fieldman

ALVIN SUNDERMAN'S SALE
SPOTTED
Poland Chinas
60 HEAD—40 Boars and 20 Gilts
Clarinda, Iowa, Oct. 22

Sale starts promptly at one o'clock. I am selling 60 head in my sale—40 boars and 20 gilts, and it will be one of the outstanding offerings of the fall season. These are sired by Broad Master, the top boar in Fred Fuller's 1946 sale. He also is a litter mate to Skippy, the 1st prize junior yearling and reserve champion boar at the 1947 Iowa State Fair, owned by Greenlief Farms, Chapin, Iowa., Broad Master, I believe, is about the best boar I have ever owned in my 28 years raising Spotted Polands. The dams of this offering are sired by Idealmere, top boar in the 1945 sale of Luther Goldberg, Essex, Iowa, and Heavy Set, top boar in the Rudy Jordan sale of 1944. This offering will have size, weight and thickness, one of the good offerings in the Spotted Poland China breed. There should be a lot of 350 and 400-lb. hogs in my sale. All the top show gilts and boars owned by my son, Darrell Sunderman, shown at our county fair where they almost cleaned the platter, are included in this sale offering. Write me at once for catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

ALVIN SUNDERMAN, CLARINDA, IOWA

Auctioneer, Ronnie Martin M. T. White, Fieldman

DUROC
Boar and Gilt Sale

To Be Held in the Future Farmer Building

IOWA FALLS, IOWA

Friday, October 10th
30 BOARS—20 GILTS

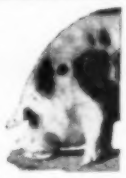
Our Durocs Have Hams

We have a very uniform offering, of cherry red boars and gilts. Every individual selected because of its merit. They are sired by **TOP MARKET TYPE, LO-BOY, MODERN LAD,** and **WONDER BOY.** Best in blood lines. Wonderful quality. Our herd has had 8 years of PRODUCTION-TESTING and is ABORTION FREE. Plan to come. Ask for **FREE** catalog. Please mention this publication. Address

IOWA FALLS DUROC BREEDERS ASSOCIATION

Auctioneer, Guy Pettit

Anderson's Spotted Polands



At farm, 1½ miles northeast

KELLOGG, IOWA, WED., OCT. 15th

40 EXCELLENT BOARS

A great offering, all well-grown, and sired by **BINGO EQUAL,** one of the greatest sons of Bingo; **GOLD LAD,** 1946 Reserve Grand Champion Iowa, and **SILVER KING,** 1946 Iowa Grand Champion. We will sell our Iowa Junior Champion and 1st Junior boar pig and 1st 4-H and 2d in open class. They are truly good this season. All thick with excellent quality. Plan to attend. Ask now for **FREE** catalog. Please mention this publication.

A. J. ANDERSON & SONS, KELLOGG, IOWA

F. L. JACKSON & SONS' SENSATIONAL SALE
Spotted Poland Chinas
40 BOARS — 20 SOWS

Lytton, Iowa
October 21
NIGHT SALE

We have a grand, good offering for the breeders in this sale. The boys all tell us that we are selling one of the best offerings of the year. We have had a good growth on our boars and gilts this summer and fall and when you see them you are going to like them. The blood lines are the best of the breed. We are selling some remarkable boars in this offering, and the same can be said of the gilts that we are selling. The most of this offering is sired by Dream Boat and Neon. Dream Boat came from the Fred Gude herd and Neon was one of the best boars ever bred by Carl Hebner. Dream Boat was a son of Welcome, he by Thickset, and Neon is a grandson of Minnesota King. These are out of daughters of Walter's Warrior, Lucky Thickset, Ring Leader and Top Flight. Take it from us you are going to like our offering when you see them at sale time. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

F. L. JACKSON & SONS, LYTTON, IOWA

Chas. Taylor, Auctioneer M. T. White, Fieldman

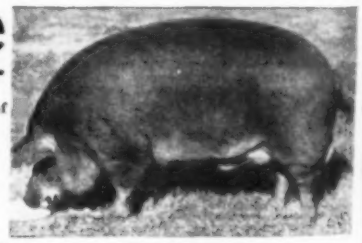
ZIMMERMAN'S
Spotted Poland Chinas
55 HEAD—30 Boars, 25 Gilts
Earling, Iowa, Tuesday, Oct. 14
NIGHT SALE

My offering is made up of spring boars and spring gilts, and it is a real offering from one end to the other. Well grown, well bred, and a decidedly classy lot. In fact I think the best I have ever raised. These are sired by Supreme Advancer, a son of Grandview Supreme, by old Starbeam. This boar has been a wonderful breeding boar in my herd, his get are good colored, and well made in every way. I know it is a better offering than I have ever sold before and I have sold some good ones. Write for my catalog and when doing so please mention Wallaces' Farmer and Iowa Homestead. Address

JACK ZIMMERMAN, EARLING, IOWA

Charlie Taylor, Auctioneer M. T. White, Fieldman

Duroc Sale



OAKDALE ROYAL TOPS

At farm, 2 miles north and 1 mile east of

RENWICK, IOWA

OCTOBER 16th

40 Boars — 15 Gilts

A carefully selected offering of quality boars and gilts that have that extra width and depth which makes for more economical gains—thus added returns to the farmer. As a feature attraction we are offering our Jr. Champion gilt in the strong show at Spencer. Some of her litter mates will also sell, including the 2nd prize boar. They are mostly sired by our popular champion, **OAKDALE ROYAL TOPS,** and **PROUD REFORMER.** Type and quality that will please all who are interested in better hogs. New blood lines for our former customers. Plan now to attend. Write for free catalog mentioning this paper.

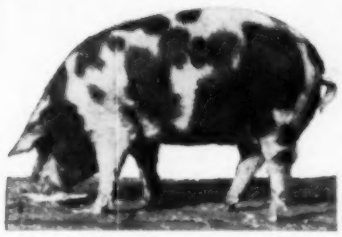
W. H. HELMKE & SONS, RENWICK, IOWA

Auctioneer, Elmer Middendorf M. W. Boney, Fieldman

—START SAVING NOW THE EASY U. S. SAVINGS BOND WAY—

A. C. Fichter & Sons' Sale

Spotted Poland Chinas



30 Boars and 20 Gilts

Shenandoah, Iowa, October 20th

(NIGHT SALE)

Our sale will be held in the Radio Sales Pavilion the night of October 20 when we will sell one of the very best offerings of the fall season, and this is no idle statement. We have a grand good lot of boars and gilts for this sale and they will suit anybody who is looking for the best there is in Spotted Polands. Our offering is sired by Talisman, Style King, Special Request and King Fairholme. Talisman was sired by Sodbuster and out of a Feeders Quality dam. Style King was sired by King of Feeders and out of a dam by Prentice. Special Request was sired by The Flash and out of a dam by My Buddy. The other sires in our herd were all good. Write for catalog at once and please mention this paper. Address

A. C. FICHTER & SONS **RANDOLPH, IOWA**

Chas. Taylor, Auctioneer M. T. White, Fieldman

AUGUST VOGE'S SALE

Spotted Poland Chinas

40 BOARS — 10 GILTS

Harlan, Iowa, Oct. 24th

AFTERNOON SALE

I had one of the best offerings last fall and I have another splendid offering for my forthcoming sale at Harlan, Iowa, on October 24th. I have a lot of new blood for my older patrons, as well as for my new patrons. I have a lot of boars that are sons of Invader, a boar I bought to head my herd, and you will find some good sons of this great boar in my sale. Then I have some good boars sired by Wilson's Choice, the second highest selling boar in the Cecil Wilson sale. I am selling a splendid litter sired by Pathfinder, he by the great Starbeam. Then I have a good litter by New Glory, the Nelson & Paulsen boar. There are a couple outstanding boars in this litter. Also a few good boars sired by The Hit. I will sell a few good gilts in this sale. Write me at once for copy of my catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

NORRIS VOGE, NEOLA, IOWA

Charlie Taylor, Auctioneer M. T. White, Fieldman

MATT LOCATIS and SONS

Hampshire Sale

30 Boars and 30 Gilts

FORT DODGE, IOWA, OCTOBER 20, 1947

Sale right on the farm

We are selling another grand good offering of boars and open spring gilts in this sale and they have made a splendid growth. We have a number of good boars that look like herd-headers to us and we think those who attend our sale will like them when they see them on sale day. We are selling some of the best open spring gilts that we have ever listed for a public sale. They look good to us and we know the breeders will like them. Our offering this time is sired by Topform, V. Day and Gold Dust, and out of sows sired by Iowa Commander, V. Day and Topform. Those who have seen this offering all say it should be one of the top offerings of the fall season. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

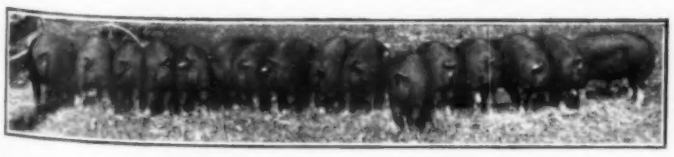
MATT LOCATIS & SONS, FORT DODGE, IOWA

Col. John Hall, Auctioneer M. T. White, Fieldman

Forest's Poland China Sale

SALE AT FARM NORTH EDGE OF TOWN

Mt. Vernon, Iowa, Tuesday, Oct. 14



A SNAPSHOT TAKEN IN JULY OF OUR MARCH GILTS

60 HEAD FORWARD. The modern type, easy-feeding kind that are profitable; they sell. All selected from my spring crop and include 30 beautiful gilts and 30 rugged boars. Sired by Sort Son, a son of Foremost, and **IKE** by Typesetter. Good breeding . . . best quality. Champion pen at Iowa Spring Show, 1946 and 1947. Reserve champion pen Albert Lea, 1947, and reserve champion truck-load Austin 1946, which indicates the kind we produce. Plan to attend. Ask now for **FREE** catalog. Please mention this publication. Address

EDW. E. FOREST, MT. VERNON, IOWA

HAWKEYE HOLSTEIN

BREEDERS' FALL CLASSIC

Dairy Cattle Congress Pavilion

Waterloo, Iowa

October 14, 1947

SALE STARTS 12:00 NOON

65 HEAD REGISTERED HOLSTEINS

Ten Cows with 2X records over 400 lbs. Also Bred Heifers, Open Heifers and Bulls from dams with over 600 lbs. fat

CONSIGNORS INCLUDE:

T. J. Irish	Forest City	J. P. Rasmussen	Maynard
Sunnyside Farms, Henry Nelson	Forest City	I. P. Stewart	Maynard
Arthur Gerlach	St. Ansgar	A. J. Johnson	Elkader
G. J. DeSotel	Dows	Roy N. Finster	Eldora
Maytag Dairy Farms	Newton	Wallace Eash	Wellman
Francis Winslow	Grundy Center	Torgrim & Broghammer	Decorah
F. G. Wessel & Son	New Hartford	Carlton Ruen	Postville
Lester E. Loveland & Son	Janesville	Arthur Ruen	Postville
Dobihaft Holstein Farms	Delta	H. J. Dane	Iowa City
Donald & Nelson Rehder	Gladbrook	Anton Haas	Maynard
Fred K. & Richard K. Bruene	Gladbrook	T. T. Kies	Kamrar
Arvilla M. Doebel	Manly	Paul Behn	Postville
Knapp & Merner	Cedar Falls	Nieman & Painter	Delhi
Gingerich & Yoder	Wellman	Folmer Hansen	Cedar Falls
Eash & Gingerich	Wellman	Spies & Lein	Graettinger
A. J. Meyer	Westgate	Thorvald Andersen	Cedar Falls
Meyer & Nauholz	Westgate	G. E. Hillier	Cedar Rapids
A. H. Staack & M. V. Nading	Volga	H. C. Schumacher	Cedar Falls

A SAMPLE OF ANIMALS CONSIGNED

Fobes Posch Tritomia Piebe, Male, born July 12, 1946—2nd prize calf at the big District Show at Wellman. Sired by Sir Transmitter Bomber, classified "Excellent" and 1st prize bull at the 1946 Iowa State Fair. Dam of this well bred Sr. Yearling made 643.5 lbs. fat and 18,118 lbs. milk on 2X as a 4-year-old.

Merndale Lorraine Burke, Female, born October 28, 1945—This heifer is due to freshen October 17 to the service of Waupum Homestead Rex who increased production of daughters over dams on 7 pairs by 103 lbs. fat and 2,287 lbs. milk. Her dam, Merndale Beth Fobes, has 672.4 lbs. fat in 254 days of her present lactation, and is expected to beat 800 lbs. under ordinary farm conditions.

Spies Carnation Homestead 13th, Male, born December 18, 1946—This bull calf is out of a dam which has made over 600 lbs. fat in two successive years on 2X milking.

Marco Beauty Bessie Cornflower, Female, born January 19, 1942—At 4 years she made 422 lbs. fat and 13,436 lbs. milk on 2X in 300 days.

WRITE FOR FREE CATALOG

IOWA HOLSTEIN BREEDERS' ASSOCIATION

912 WATERLOO BUILDING **WATERLOO, IOWA**

Auctioneers: J. E. Mack and J. E. Halsey

MICHAELSON'S SENSATIONAL OFFERING

HAMPSHIRE BOARS and SOWS

Ida Grove (Night Sale)

October 21, 1947

85 HEAD

Those who have seen my offering pronounce it one of the greatest I have ever sold, and one of the greatest of the year. These are sired by The Bugle, Past Model by Past Model by Post War, some by Mischief Maker, Atomic, Shine On; 10 head by Prestige, of which some are outstanding. The gilts are also outstanding. Well grown and full of quality. Write for my catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

FRED H. MICHAELSON, IDA GROVE, IOWA

Col. Chas. Corkle, Auctioneer M. T. White, Fieldman

Spotted Polands

In Sale Pavilion

SAC CITY, IOWA, OCTOBER 24

NIGHT SALE—50 TOP BOARS

Solve your herd boar problems by spending the evening of October 24th in Sac City's comfortable sale pavilion. This will be one of the most uniform offerings that will be sold this season. They are the easy feeding kind that prove most profitable to the farmer. Boars to fill all demands possessing that extra thickness and fullness of ham. Mostly sired by the great breeding boar, **SQUARE SUPREME,** top son of Grand Supreme. Ask for **FREE** catalog, mentioning this paper.

CLIFFORD PITSTICK, JOLLEY, IOWA

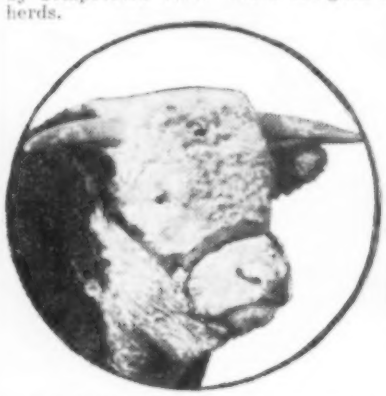
Auctioneers: Taylor, Martin, and Goodchild M. T. White, Fieldman

---

PUT SOME OF THAT EXTRA CASH INTO U. S. SAVINGS BONDS

IRA REED AND T. M. HAYDEN SALE
RICHLY BRED
HEREFORDS

We are selling 10 very choice bulls in this sale. These are sired by Western Domino 85th, Real Prince Domino 131, and two that are sired by Compressed bulls. These are good enough to go to the head of good herds.



81 Head
10 BULLS
71 FEMALES

Orient, Iowa
October 14th

(on Highway, 7 miles north of Creston)

IRA REED is selling 14 cows with calves at foot and these are not only good cows, but they are well bred cows, carrying the blood of some of the most noted herd bulls in this country. The calves on these cows are sired by Western Domino 85th, and 11 head of very choicely bred heifers. These heifers are bred to W. H. R. Triumph Domino 51st, and own son of W. H. R. Royal Domino 51st, and to Silver Knight 18th, a son of H. C. Pearson's Real Silver 32d.

T. M. HAYDEN is selling 9 head of his best cows with calves at foot, sired by Real Prince Domino 131st, Compress Bruce 13th, W. H. R. Cardinal 56th and other bulls. Twelve bred heifers (good ones), and some very choice cows, bred heifers, all bred to W. H. R. bulls. I am featuring the service and the get of my W. H. R. Cardinal 56th herd bull and will have him at the sale. I also used sons of W. H. R. Domino 6th. W. H. R. Supermix and W. H. R. Superseth. I think I have as much W. H. R. blood as any other herd in Iowa. We are selling many of the three-in-one kind in our sale. We are selling good cattle, bred heifers, and many large calves suitable for 4-H projects, both male and female calves. You will like our offering because the breeding and individual merit is behind our cattle. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

T. M. HAYDEN, Manager, CRESTON, IOWA

M. T. White, Fieldman

SOUTHEAST IOWA
HEREFORD
SHOW AND SALE

In sale pavilion west edge of town

Mt. Pleasant, Iowa
SATURDAY,
October 18

25 GOOD BULLS — 35 CHOICE FEMALES

For the 3rd annual show and sale the best herds in Southeast Iowa have drawn deep into the herds and present a fine well-bred lot of cattle. The bulls are most all old enough for immediate service and will include bulls suitable for real herd-headers. The females include choice cows with calves at side by great herd sires, many are rebred, desirable bred cows and heifers and a fine lot of open heifers.

CONSIGNORS:

B. M. Burns.....Pulaski
S. Burn & Son.....Pulaski
Thomas Barnett.....Letts
Harold Chatfield & Sons.Columbus Junction
Sam T. Gilbert Estate.....Fairfield
Norris E. Gaffney.....Memphis, Mo.
Lester Hafner & Son.....Letts
N. K. Hartley.....Hillsboro
Ralph Love.....Letts
Waldo Miller.....Keota
Maple Crest Ranch.....North English
T. M. Phelps & Son.....Hillsboro
F. Max Schimberg.....Letts
Letts & Turkington.....Letts
George Scott.....Mt. Pleasant
Mervin L. Zeller.....Packwood
Don DeVoss.....Cantril
Frank Gipple.....Columbus Junction
E. A. Stewart.....Columbus Junction
Ralph Smutz.....Mt. Pleasant
Roy C. Wells.....Washington

They are strong in the blood of **WHR, MISCHIEF STANWAY, ADVANCE DOMINO, TRIUMPH TRIUMPH,** and others. Best in breeding and quality. A high-class offering that should appeal to those looking for better breeding stock. It is a good place to make selections. You will like the offering. Plan now to attend. Ask for **FREE** catalog. Please mention this publication. Address

MERVIN L. ZELLER, Sec.-Treas., PACKWOOD, IOWA

Auctioneer, Guy Pettit — Maurice W. Boney, Fieldman

Interstate Aberdeen
ANGUS SALE

68 Head
36 CHOICE BULLS
32 FEMALES

Sioux City, Iowa
STOCK YARDS HORSE BARNS

OCTOBER 15th

This we think is as good, if not a better offering, than we have ever sold, and we mean this. We have some outstanding bulls that we know will suit anybody who might be looking for a bull to place at the head of their herd. We certainly have them in this sale. The breeding of these bulls is the very best and individually are strictly high class. Then we have bulls for the farmers and the ranchmen. We are also selling some wonderfully good females. Many of these are heifers who have their life before them and will make good matrons in anybody's herd. Some cows will sell with calves at foot. The breeding of this offering is the best that we have had for a long time. The show starts at 9:00 A. M. and the sale starts at 1:00 P. M.

CONSIGNORS

Lloyd C. Albers.....Sutherland, Iowa
Axel R. Anderson.....Cherokee, Iowa
Davids Valley Farm.....Exira, Iowa
E. J. Baker—John Headlee
Charles F. Beermann...Dakota City, Nebr.
Walter Brunsvold.....Jackson, Minn.
George G. & Duane Clark..Worthing, S. D.
Kent Craford & Sons.....Onawa, Iowa
Dobesh Brothers.....Seward, Nebr.
Fred Drener & Co.....Gray, Iowa
Eikmeier Brothers.....Pipestone, Minn.
L. J. Epling & Son.....Moville, Iowa
Dwight M. Garner.....Ida Grove, Iowa
Walter R. Griesse.....Rock Rapids, Iowa
A. A. Harnack.....Remsen, Iowa
Dr. H. H. Harris.....Battle Creek, Iowa
Harvelawn Farms.....Marne, Iowa
Fred R. Long—W. K. Young
Howard B. Held.....Hinton, Iowa
Vearl Hess.....Spencer, Iowa
Janleighs Angus Farm....Tekamah, Nebr.
Janice and Lee Cull
Johnson Brothers.....Ida Grove, Iowa
Elmer J. Johnson.....Kiron, Iowa
Enoch & Bob Johnson.....Galva, Iowa
M. B. Killion.....Wakefield, Nebr.
John S. Kimball.....Kirkman, Iowa
J. A. Mortvedt.....Dell Rapids, S. Dak.
J. H. Paulsen & Son.....Pender, Nebr.
H. W. Sawyer.....Howard, S. Dak.
Ben G. Studer.....Wesley, Iowa
L. B. Todd.....Murray, Nebr.

These cattle were sifted by Robert Duprey of the Aberdeen Angus Association, and he says they are a better offering of cattle than the offering they sold last spring and that offering was good. All cattle tested and ready to go into any state. Write for catalog at once and please mention Wallaces' Farmer and Iowa Homestead when asking for it. Address

P. K. PRATT, Sales Manager, WALNUT, IOWA

Auctioneers: Roy J. Johnston and Ray Simms — M. T. White, Fieldman

LYLE STOAKS
Spotted Polands

50 BOARS — 30 SOWS

Lenox, Iowa, October 18th
NIGHT SALE

If you are looking for something special in Spotted Poland China boars and gilts why not check up on Pleasant Ridge Prince by Spotlight, and Style Master by Rocker by Invador. I have crossed these boars on fifteen different type sows, and they mated well with each one. On

Saturday Night, October 18

we will drive 50 sows and 30 daughters of these great boars through the sale ring at the sale pavilion in Lenox, Iowa. It will be worth your while to attend this sale and take home with you a boar that will mate well on any herd of sows. We would like to have you inspect this herd at any time before the sale. Visitors always welcome. Farm 6 miles south and one-half mile west of Lenox. Telephone 15 F.O. 3. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

LYLE STOAKS, CONWAY, IOWA

Chas. Taylor, Auctioneer — M. T. White, Fieldman

Iowa Breeders Milking Shorthorn Sale

At Iowa State Fair Grounds

DES MOINES, IOWA, FRI., OCT. 17

40 FEMALES — 5 BULLS

Selected from leading herds to provide buyers with best type of cattle, which cannot be found at private sale. They include mature cows, 2-year-olds, bred and open heifers. A number of baby calves at foot. All rich in breeding. Most of the females have been Bangs vaccinated. Health certificates furnished for shipment. Our annual sales are building confidence. Plan to attend. Ask now for **FREE** catalog. Please mention this publication. Address

HARRY CLAMPITT, Mgr., NEW PROVIDENCE, IOWA

BANQUET: Hotel Savery, October 16th at 6:30 P. M. You are welcome.

Again... IN ALL ITS GLORY

AMERICAN ROYAL

LIVE STOCK and HORSE SHOW

OCT. 18-25

KANSAS CITY, MO.

Greater, More Thrilling Than Ever Before!

$100,000.00 in prizes and awards—America's top honors to aristocrats of the horse and live stock world. See this spectacular show!

Now is the Time for you To INVEST IN A HEREFORD BULL

Thus far in 1947 new INVESTMENTS IN REGISTERED HEREFORDS have been made at the rate of 10 Million dollars each month—another New Record.

Now is the Time to Put Registered HEREFORDS to work for you. They have added earning power—they were never easier to pay for.

Registered HEREFORD bulls are now being purchased in record numbers—several reasons seem obvious.

In 1940, it required 3 1100 lb. beef cows or 300 bushels of wheat to buy a good HEREFORD bull—today it requires only 2 1100 lb. cows or only 200 bushels of wheat. Thus Registered HEREFORDS are easier to pay for NOW.

Then too, the added earning power of Registered HEREFORD bulls was never greater—never better known. In last year's Virginia feeder calf sales of over 5000 calves, the choice calves grossed $108.00 per head, whereas the medium grade calves returned only $88.00. That is an advantage of $20.00 per head for the men who used good bulls.

Multiply 30 calves x $20.00 and you find the added annual earning power of the modern type HEREFORD bull is $600.00.

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THE BEEF BREED SUPREME

AMERICAN HEREFORD ASSOCIATION
Dept. X 300 West 11th Street Kansas City 6, Mo.

Please send FREE, Illustrated Booklets:
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Name .....
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City ..... State .....

Spotted Polands

BOARS AND GILTS

Boone Sale Pavilion

BOONE, IOWA

THURS., OCTOBER 9th

NIGHT SALE—7:30 P. M.

62 HEAD

Choice, big, smooth, quick-maturing, easy-feeding kind the farmers need. All selected from the best herds in this section and sired by great herd sires. None better bred. Your opportunity to buy a herd boar or choice gilts. **COME!** Ask for **FREE** catalog. Please mention this publication. Address

F. L. Mackey, Secy., R. 1, Boone, Ia.

BOONE COUNTY SPOTTED POLAND ASSOCIATION

Reg. Jersey Dispersal

Selling the entire herd of
BARR KESHLEAR, SHENANDOAH, IOWA
At the farm at north edge of town, on

THURSDAY, OCT. 16, 1947
Beginning at 12:30 P. M.

50 Production Tested and Classified Jerseys

18 Cows, mostly young, of desirable blood lines for foundation stock, combining high production with desirable type. 30 Heifers, mostly daughters of Wood Acres Valiant Pinn, (also selling in the sale), a granddaughter of Pinnacle, Excellent Superior, Gold and Silver Medal Sire, to include **HIGHFIELD GOLDEN DESIGN**, Four Star, very good son of Ena's Design B and out of Highfield Golden Thread, Excellent Silver Medal Cow. Practicing Calfhood Vaccination. All T.B. and Bangs Tested. For catalog write

IVAN N. GATES, Sale Mgr., West Liberty, Ia.

Klocke's Spotted Poland China Sale

50 HEAD BOARS AND GILTS

MANNING, IOWA, OCTOBER 7th

Sales Barn, in town

This will be a night sale and will be held in sales barn in town, where everybody will be taken care of. I hold that this is the best offering that I have ever sold, and I have sold some good ones. If you are looking for herd boars I think I have them for you in this sale, and these are sired by some of the greatest Spotted Poland China boars in the state of Iowa. I am also selling some grand, good spring gilts, whose breeding and individual excellence will insure them a place in any of our best herds. We have a nice growth on our offering, and I am telling you this is the best lot of boars and sows that I have ever offered at public auction. They are sired by Spotlight, the Missouri grand champion boar, The Answer, and Modern Superman. Nobody has a better battery of herd boars than head my herd. Write for my catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

ALBERT KLOCKE, MANNING, IOWA

Taylor and Martin, Auctioneers

CLOSING OUT SALE

As we have sold our farm, and will quit farming, we will sell our entire herd of high grade Holstein cattle, some registered at the farm located 5 blocks south and 2 west of the flag pole in George, Iowa.

WEDNESDAY, OCTOBER 8

Sale Starts Promptly at 12:30 Lunch on Grounds

100 HEAD OF HOLSTEINS

45 Cows and Bred Heifers 25 Open Heifers
2 Herd Sires—Balance are heifers under 1-year-old

Many cows and heifers will be fresh by the time of sale, some soon after. Our herd has been bred for production and closely culled. Nine years of DHIA testing. Herd average close to 350 lbs. of butterfat per cow per year. Many cows have 400 and 500 pound fat records. Only registered and bred for production bulls have been used for years. Both of our present herd sires carry blood of some of the best proven bulls in the country. Young animals are identified by DHIA ear tags.

Calfhood Vaccinated

This Is Your Opportunity to Buy Good Dairy Stock

The following dairy equipment will also be sold: 4 Unit Hinman milker with pipe line for 36 cows, 10 gal. Elec. hot water heater.

Terms — Cash

KLINKENBORG BROTHERS

Auctioneers: Tom Feenstra, Mitch Vander Tuig, A. H. Schol. Clerk—George State Bank

REGISTERED JERSEY DISPERSAL

DISPERSING THE MILKING HERD OF REBAWILL JERSEY FARM

IOWA CITY, IOWA

TUESDAY, OCT. 14—12:30 P. M.

Sale at farm 3 miles east of Iowa City on Highway 6. 55 Head Production Tested and Classified Jerseys. 30 Cows, mostly young, of Eight Royal and Design blood lines. All Classified and have H.I.R. Production records. 17 Bulls, Bred Heifers, Yearlings and Calves. Several sire 4-H Club Heifers dropped since July 1. Several Choice Young Bulls, from high producing and Classified dams. Calfhood vaccinated. All T.B. and Bangs tested.

W. S. MORRISON, Owner, IOWA CITY, IA.

For Catalog write Ivan N. Gates, Sale Manager, West Liberty, Iowa.

SPOTTED POLANDS AND MINNESOTA NO. 1 BOAR AND GILT SALE

Pipestone, Minn., October 8th

Choice breeding, good quality. Excellent boars and gilts of both breeds. Plan to attend. Ask for FREE catalog. Please mention this publication.

LOPAU PIPESTONE, MINN.

DUROC SALE

At the farm, on Highway 75, 3 miles north of

SIOUX CENTER, IOWA

OCTOBER 22, 1947

Offering 60 boars and 10 gilts, the pick of our 390 pigs. All are dark red, medium in type of good length from high producing sows. During the past 20 years of breeding Durocs it has been our aim to produce modern type hogs with extra growth, quality, firmness and reproducing ability. Sired by Broad Fancy, Grandmaster, and Royal Improver. Boars to fill the needs of farmers and breeders alike. Ask for free catalog, mentioning this paper.

BERT BROEK & SONS, SIOUX CENTER, IOWA

John Hall, Auctioneer

Milking Shorthorn AUCTION

Fair Grounds

OWATONNA, MINNESOTA

WEDNESDAY, OCTOBER 15th

1:00 P. M.

Choice bulls, cows and heifers, rich in pedigree, pleasing in quality, selected from the best herds in the state. Ready to work for you and make a PROFIT. Plan to attend. Ask for **FREE** catalog. Please mention this publication. Address

R. E. HODGSON, Secy., WASECA, MINN.
Minnesota Milking Shorthorn Breeders Assn.

When writing to our advertisers, please mention that you read their advertisement in Wallaces' Farmer and Iowa Homestead.

1947 IOWA STATE FAIR
BARROW SHOW AWARDS

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Grand Champion Barrow
Sired by a Purebred Berkshire Boar
•
Reserve Champion Barrow
A Purebred Berkshire
•
Grand Champion Pen of Barrows
Sired by a Purebred Berkshire Boar
•
Champion 4-H Club Barrow
A Purebred Berkshire
•
Champion F. F. A. Barrow
Sired by a Purebred Berkshire Boar
•
Champion F. F. A. Pen of Barrows
Sired by a Purebred Berkshire Boar
•

Raise The Kind They Want
Use a Berkshire Boar

For List of Breeders, Write
IOWA BERKSHIRE BREEDERS ASSN.
Eugene Fitz, Secretary • Melbourne, Iowa

FEED BOW-KEY FEED
DES MOINES · · · · · IOWA.

DAISY *Cattle Markers*
COMPLETE WITH CHAIN. Brass tag for HORNS and neck. Write for folder.
GOLDEN ARROW FARMS
Dept. 25 Huntington, Ind.

Guernsey Dispersion
At Chas. Mountain Farm, West Des Moines
WEST DES MOINES, IOWA
MONDAY, OCTOBER 20th
SALE—12:00 NOON
50 HEAD—10 bulls, 17 cows in milk, 10 bred heifers, 14 yearlings and calves, 4-H prospects. Rich in **CHERUB** breeding and other great strains. A dispersion of the **Iowanola** Herd owned by Mountain & Squire, with select consignments from Joseph Golinvaux, Eustice Golinvaux, Waterloo; J. H. Rickert, Albia; Royal Manny, Grimes; Jack Brooks, Des Moines, and J. S. Compton, West Des Moines. Get the free catalog now. Address
MOUNTAIN & SQUIRE, W. Des Moines, Ia.
Auctioneer, J. E. Halsey

Spotted Poland Sale
At Farm
FULDA, MINN., OCT. 13
50 BOARS — 10 GILTS
Choice offering by **DICTATOR, STRANGER** and **GOLD ROCK.** One of the best offerings of the year. Good breeding, and pleasing in quality. Plan to attend. Ask for **FREE** catalog. Please mention this publication.
E. R. PALLESEN & SON
Fulda - - Minnesota

Spotted Poland Sale
At farm, 2 miles south on No. 169 and ½ mile east and 1½ miles south of
WINTERSET, IOWA, OCT. 7th
Sale starts 1:00 P. M.
53 Head—33 Boars, 20 Gilts
A choice offering sired by **HEADLINER** by Prospect. He was top boar in the Elmer Heiser's sale. All out of top gilts, they display quality and merit. You will like them. **COME.** Ask for **FREE** catalog.
F. C. Morris & Sons, Winterset, Ia.

POLAND SALE
At farm east of town
MASON CITY, IOWA, OCT. 8
40 Great Boars
One of the best offerings we have ever sold. All well grown, sired by great herd boars and out of a wonderful sow herd. Many of our State Fair winners sell. You can find what you want in this auction. Plan now to attend. Ask for **FREE** catalog. Please mention this publication.
EMMERT FARM
Mason City - - Iowa

LIVESTOCK FOR SALE
HORSES
Percheron Mares
One 5, one 2, one yearling; also one yearling stallion and two yearling geldings.
DAIRY BULLS
Two to 8 months of age. Holstein, Guernsey, Jersey, Brown Swiss and Ayrshire breeds.
ANIMAL HUSBANDRY DEPARTMENT
Iowa State College Ames, Iowa

A U C T I O N E E R
Successful sales for leading breeders, lifetime experience with Livestock. Apply early, as I am busy during season. Rates reasonable. Telephone Residence 7-3645; Business 3-6181.
J. E. Halsey, Box 1317, Des Moines, Ia.

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LANE AUCTION SCHOOL, MASON CITY, IOWA

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HOLSTEIN AND GUERNSEY
HEIFERS
All ages. Some bred. Good breeding. Sold on approval.
JAMES E. WELCH MUKWONAGO, WIS.

BULL AND HEIFER CALVES
Beautiful Holstein, Swiss and Guernsey bull and heifer calves. Registered and grades. Good breeding. Reasonable. Will ship on approval.
J. M. McFarland, Watertown, Wis.

CHOICE HEIFER CALVES
from high production cows. Holstein and Guernseys. $33.00 plus express.
GREENWALD BROS.
Oakland Dairy Farms Mukwonago, Wisconsin

HOLSTEIN AND GUERNSEY
HEIFERS
Well marked, choice high grades, six to eighteen months, tested, carloads or truck loads.
ED HOWEY SOUTH ST. PAUL, MINN.

Holstein and Guernsey Heifers
Full blood and high grade heifers, 1 to 3 weeks, $25.00, 2 to 3 months, $42.50. Large, well marked, excellent type, with good production backgrounds. Will express C.O.D. subject to approval.
Midwest Cattle Co., Box 16, Kansas City, Mo.

GUERNSEYS

REGISTERED GUERNSEY BULLS
Serviceable age and younger at farmer prices. Also some cows and heifers. LANGWATER, CORONATION, McDONALD FARMS, PINE MANOR and LEVITY breeding.
SOUTHWESTERN WISCONSIN GUERNSEY BREEDERS ASSN.
Will C. Weittenhiller, Secy.
PLATTEVILLE - - - WISCONSIN

GUERNSEYS
Offering 5 to 80 choice Guernsey heifer calves, best type and breeding. Delivered, by truck and express, on approval.
OAKLAND GUERNSEY FARM, Mukwonago, Wis.

WISCONSIN GUERNSEYS
Month old heifer calves. Production bred—good color—satisfaction guaranteed. $35.00 each. C.O.D. on approval. All express charges prepaid. Order from this ad. CHANDLER DAIRY FARM, LAKE GENEVA, WIS.

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HOLSTEINS—THE LABOR SAVERS
Three big Holsteins are the equal of at least five small producers, and require less total feed, less labor and less barn room. From Holsteins you get the most from each day's work and maximum use of all facilities. Holsteins are the PROFIT breed.

FREE ILLUSTRATED HOLSTEIN JUDGING MANUAL. WRITE
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REG. HOLSTEIN BULLS
Four type, well marked, serviceable age. Dams classified "Very Good." The 7 nearest dams of each average 600 lbs. fat or over.
ERNEST M. WRIGHT, R. 6, WATERLOO, IOWA
MARNEST PLACE

HOLSTEINS
Offering 5 to 30 choice Holstein heifer calves, best type and breeding. Delivered, by truck and express, on approval.
H. R. LOBDELL MUKWONAGO, WIS.

CHOICE
HOLSTEIN BULLS
Governor of Carnation and Posh breeding, serviceable age. You will like them.
SHOMONT FARMS MONTICELLO, IOWA

JERSEYS

JERSEY BULLS
Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs
J. J. NEWLIN
Polk County Johnston, Iowa

—OUR ADS ARE NEWS—

JERSEYS

DON'T BUY A JERSEY BULL
Until you have visited
ARMAN'S JERSEYS
R. R. No. 2 DES MOINES Tel. 6-8446
½ mile east city limits on Easton

ABERDEEN ANGUS

ANGUS ARE HORNLESS

Wise cattlemen demand a hornless beef breed. Aberdeen-Angus are naturally polled. This dominant characteristic means minimum losses from injuries in the pasture, in the feedlot or in shipping. No losses or setback from costly dehorning. Hornless heads and uniform Angus type produce greater profits! Write for free descriptive literature.

American Aberdeen-Angus Breeders' Association "Superior Beef Breed"
Dept. WF-3, Union Stock Yards, Chicago 9, Illinois

HEREFORDS

HEREFORD SPRING CALVES
FOR SALE
I am offering 25 head of Hereford Spring Calves, all eligible to registry. Will also sell all or part of my registered cow herd. These are well bred cattle and are real bargains. Write or come and see them. Mention this paper.
WILL TRACEY ATLANTIC, IOWA
1402 Chestnut Street

REGISTERED HEREFORDS
Leading blood lines, lots to suit.
High Grade JERSEYS.
SHAWNEE CATTLE CO. DALLAS, TEXAS

260 WHITE FACE
Yearling steers for October delivery, 20c lb. Also 200 extra good heifer calves for sale. Inquire
A. VANDEVENTER DUNNING, NEBR.

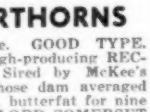
POLLED HEREFORDS

Polled Hereford Heifers
Offering 7 nice yearling Polled Hereford heifers, of **Domino, Woodford** and **Buillion** blood lines. Very choice. Write, phone or come and see them.
CARL ROSS & SON ROSS, IOWA

SHORTHORNS

6 GOOD YEARLING
SHORTHORN BULLS
for sale. Three dark roans and 3 red bulls. Well bred and good individuals. Write at once or come and see them. Address
DEWAR BROS. CHEROKEE, IOWA

MILKING SHORTHORNS

NATIONAL MILKING SHORTHORN SHOW and SALE

A strong feature of the American Royal Show at Kansas City, Mo., OCT. 22d–23d. THE BEST from all over United States. Unusual opportunity for establishing herds of THE BEST DUAL PURPOSE BREED IN THE WORLD.
Write for catalog to
AMERICAN MILKING SHORTHORN SOCIETY
809 Exchange Avenue Dept. WF53 **Chicago 9, Ill.**

MILKING SHORTHORNS
Because of ill health, retiring to smaller farm. Will sell nearly all the herd. **Bulls** 2 to 14 months old. **Females** 2 months to mature cows. Best of **Bates, Clay** and **imported** English families, with highest milking ancestry possible to obtain. **Priced to sell.** Also **White Collie** Puppies, guaranteed natural heelers.
PEERLESS & BELL VERNON HERD
DECORAH, IOWA

MILKING SHORTHORNS
Bulls of serviceable age. GOOD TYPE. Backed by generations of high-producing RECORD OF MERIT dams. Sired by McKee's BLACKWOOD BARON, whose dam averaged 13,625 lbs. milk and 525 lbs. butterfat for nine lactations. Or by McKee's LORD SOMERSET (classified excellent), whose seven nearest dams averaged 10,426 lbs. milk and 433 lbs. butterfat.
McKEE FARMS Carlisle and Indianola, Iowa

Milking Shorthorn Cattle
Established 1892. Breeding Herds in Rock County, Wisconsin.
We offer quality young bulls from high producing RECORD OF MERIT Dams. Bulls serviceable age and calves. Visit herd—it speaks for itself in production and conformation. REASONABLE.
R. W. LAMB & SON
JANESVILLE, Route 1 WISCONSIN

Milking Shorthorn Sale
OCTOBER 9th
42 registered cattle—30 females with 8 calves, 4 bulls. Best breeding.
JOHN F. GIBBONS & SONS, BRIGHTON, ILL.

POLLED SHORTHORNS

POLLED SHORTHORNS
FOUR CHOICE BULLS, ONE YEAR OLD, red and white roan. Very good quality. Also a few females.
J. C. WAHLS ST. OLAF, IOWA

BERKSHIRES

BERKSHIRE BOARS & GILTS
Best of blood lines included in the offering of brothers and sisters of the Iowa State 1946 Junior Champion Boar. Priced reasonable.
EUGENE FITZ MELBOURNE, IOWA
½ mile south and 3¾ miles east of Melbourne

PUREBRED
BERKSHIRE BOARS
Fall and Spring
WHITE ACRE FARM SULLY, IOWA
Wilber Van DerKamp

Save Money, Buy Bonds

CHESTER WHITES

BARROW SHOWS PROVE

Chester Whites, Kings of the Show Rings, Feed Lot, Packer's Block. For more hog profits, raise the kind packers prefer — Chester Whites. Write for FREE FACTS.
THE CHESTER WHITE SWINE RECORD ASS'N
Levi P. Moore, Sec'y, Rochester, Ind.

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45 purebred registered Chester White spring boars. Vaccinated for Cholera and Erysipelas. Shipped anywhere. Farm 1 mile east, 1 mile south.
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40 CHESTER WHITE BOARS
Have a grand good lot of boars for the trade and am ready to sell. The sooner you see me the better your boars. Write me at once. Address
ROY V. COPP GLIDDEN, IOWA

CHESTER WHITES
Medium type spring and fall boars sired by the outstanding sires, including The Rocket and The Banner King. Come and see these top boars.
L. E. GAFFEY STORM LAKE, IOWA

DUROC JERSEYS

DUROC SALE
20 BOARS — 20 GILTS
Sired by top sons of these famous boars:
LOW SET • SECO MARKET TYPE
CIMARRON
These boars and gilts have length, width, depth and good hammed. All dark red color.
To be held at WEBB'S SALE BARN, east of **CORYDON at 1:00 P. M., THURSDAY, OCT. 9.**
BEN IVINS CORYDON, IOWA

PUREBRED
DUROC BOARS AND GILTS
Sired by Market Type King 2nd, King of Orions, Seco Red King, Sir Royal Leader. The type and breeding quality of these spring boars and gilts should please you. Right kind for the right price. Come and see these or write
CECILE KITCHEN MAXWELL, IOWA
6½ Miles Northeast

TRU-TYPE DUROCS
TOPS AT PRIVATE SALE
MALE PIGS AND GILTS
Grandsons and granddaughters of **TRU-TYPE**, All-American Senior boar 1943, and **TOPS**, who sired Top Spot, the highest priced Duroc boar to sell in 25 years. Deep bodies, thick hams, heavy bone, dark red colors, easy feeders. Reasonable. Vaccinated. Specify type desired. We ship.
ELMER D. SCHRADER
SIGOURNEY - - - - - IOWA

Spring and Fall Duroc Boars
Good quality, best of breeding, raised on plenty range, good color and plenty bone. Good enough to go anywhere. Four miles west of town on 30, and one mile south and one-half mile west.
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THOMPSON'S DUROCS
I have declared off my fall sale and will sell at private treaty. I am offering 30 choice, well bred boars. Good individuals and the choicest breeding. Write, phone, or come and see them.
JOHN THOMPSON LAKE CITY, IOWA

DUROC BOARS
Early farrowed spring boars, excellent quality. Well grown, the kind that will please. Sired by Fancy Blazer Jr. and Thickset Sensation. Satisfaction guaranteed. Write or come to farm, 5 miles southeast of Scranton.
CHARLES DAHLKE SCRANTON, IOWA

CHOICE DUROC BOARS
I am offering 15 well bred and well grown spring boars for sale, sired by Western Lad, Royal Marksman, Low Down Leader and Pathfinder Prince. Write or come and see them. Address
ERNEST L. McDERMOTT WIOTA, IOWA

DRUMMY'S DUROCS
Registered Duroc spring boars and gilts sired by Hot Spot. They are really the big husky, deep bodied, dark haired kind. Immune. Priced for quick sale. Wt. 200 lbs. on August 15th.
VINCENT E. DRUMMY RYAN, IOWA

DUROC BOARS AND GILTS
I am now offering at private sale 25 choice Duroc boars and gilts. The best of breeding, good colors and well grown. Write, phone or call.
O. S. LARSON LOGAN, IOWA

40 DUROC JERSEY BOARS
We are now ready to sell 40 choice Duroc Jersey boars and gilts, well bred, well raised, and good individuals, at private sale. Write, come, or phone.
CAMERON BROS. HERMAN, NEB.

DUROC BOARS AND GILTS
Choice, well grown, by W. R. CHAMP, 1946 Spencer Junior Champion and TRIPLE T. Good quality. Reasonable.
WALTER RIEBESELL CALUMET, IOWA

REGISTERED
DUROC JERSEY BOARS AND GILTS
The best in type, individuality and breeding. Sired by Cherry Master and Spotlight Ed. Dam by Seco Star.
VERNON OSSENKOP VAIL, IOWA
2 miles south of Vail on gravel, ½ mile east.

Registered Duroc Boars and Gilts
Sired by a son of Sir Royal Leader, 1946 Iowa Grand Champion. Big, husky, deep bodied, good color, weighing at 250 pounds. Cholera immune. Priced reasonable. ½ mile south, 3 miles east.
EARL DRUMMY RYAN, IOWA

DUROC BOARS AND GILTS
Choice boars and gilts of leading blood lines. Good type, deep bodied, heavy hams. Breeder and farmer boars reasonably priced. Club gilts.
E. R. LARUE IRWIN, IOWA

DUROC
BOARS AND GILTS
Some sired by Nebraska Grand Champion, others litter mates to Champion Barrow.
WILLARD H. WALDO DEWITT, NEBR.

When writing to advertisers, will you please mention this paper.

DUROC JERSEYS

50 Duroc Boars FOR SALE

The best boars we have ever raised. Sired by Admiral Prince 103197 and Invincible Leader 100900, out of high class sows. Good colors, well grown. Write or come and see them. Address

EICHARDT BROTHERS CORNING, IOWA

CHOICE
PUREBRED DUROC BOARS

Good order with size and quality. Best of breeding. Farm 8 miles south of Spencer on U. S. 71.

ROY HAGEDORN GREENVILLE, IOWA

PUREBRED DUROC BOARS

Large and sound. Good on feet and legs. Good bodied and showing feeding quality. By Low Set Special and Perfection, whose sire was full brother to 1944 National Junior Champion.

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HAMPSHIRE BOARS

25 head Hampshire Spring and Fall Boars sired by Cyclonon and Hillope Model Boy. Second prize Junior Boar of Spencer Fair included in group. All good, thick, growthy kind.

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We have 75 good Hampshire boars for sale and they are good, and bred right. Sired by a son of Parkdale Glory, others by a son of All Dimension. Write or come and see them. Address

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HAMPSHIRES

50 head Hampshire Spring Boars and Gilts. Vaccinated, Bangs tested, shipped on approval, well grown, priced to sell.

GEO. LIPPOLD AVOCA, IOWA

HEREFORD HOGS

HEREFORD HOGS

NEW! DIFFERENT! DISTINCTIVE MARKINGS!
SHIPPED C O D YOUR APPROVAL
FREE CIRCULAR
YALEHURST FARMS, PEORIA, ILL.

POLAND CHINAS

40 POLAND CHINA BOARS

We will not make a public sale and we will sell our boars at private treaty. We have boars sired by THE GOAL, the top selling boar of the breed; others by Prestige, grand champion boar in 1946, and some by our old boar, Reconversion. Prize winning and grand champion blood in all of them. We have boars for the breeders and the farmers. It will pay you to come and see us. We have the boars for you. Address

B. F. ANDERSON & SON

Irvington Station Omaha, Nebraska

POLAND CHINA BOARS
DUROC JERSEY BOARS

I will not hold a fall sale so am offering them at Private Treaty. I have a nice lot of both Poland China and Duroc Jersey boars, good individuals and the best of breeding. Poland China boars sired by Ney Grand and Grand Pattern. DUROC boars sired by Royal Leader, Low Set and High Spot. Write or come and see them. Address

DICK N. KIRSCH CARROLL, IOWA

POLAND CHINA BOARS

Fall farrowed. Breeding, type and quality based on years of experience in this business. No one can offer you more for your money.

CHAS. F. SCHRUNK & SON, Mapleton, Iowa

Poland China Boars and Sows

Am offering 35 boars for sale sired by Inflation, by Sunrise, by Low Down, Silver Star 2d and Royal Prince Domino. Also 20 very choice fall sows. Top breeding and top Polands. Address

KENNETH MARSH LEHIGH, IOWA

Our Real BLACK POLAND CHINA HERD BOAR PROSPECTS

Top Blood Lines and Quality at Reasonable Prices. Come or Write.

LEE COCKERTON - WHITING, IOWA

SPOTTED POLAND CHINAS

GOLDBERG'S SPOTTED POLAND

BOAR AND GILT SALE
FRIDAY NIGHT, OCTOBER 17th
SHENANDOAH, IOWA

This is a very good offering of low-down, deep bodied, thick boars and gilts that are in demand by both breeders and farmers. If unable to attend, give description and price you wish to pay and your mail bids will be honorably taken care of. Satisfaction guaranteed. Write for free catalog.

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REGISTERED
SPOTTED POLANDS

Fall and spring boars and gilts sired by Silver Star, Silver Armour and Hawkeye Clipper. Sows and boars bred to a son of Grandview Supreme and The Architect for October farrow. I would sell The Boss, son of K. C. Chief. I do not believe there is a thicker boar living. He has short legs, deep bodied and is very long. He sires them that way too.

PETER WITT KEYSTONE, IOWA

SPOTTED POLAND CHINA HOGS

Registered boars and gilts. Well-grown, medium type, deep bodied. Sired by IOWA DESIGN and SPOTLIGHT SHINE. Best of breeding. Priced reasonable.

OREN NEITDERHISAR
Tiffin, Iowa

PUREBRED
SPOTTED POLAND CHINA

Spring and Fall Boars. Also spring gilts. Sired by Spotlight, Royal Lad and Smiley.

ERNEST HULTGREN ALTA, IOWA

SPOTTED POLANDS

Choice spring boars and gilts by Bingo 24, Model, Spotted Challenger, and Top King. Dams of easy-feeding type, with size and length. Satisfaction guaranteed. Reasonable.

BRENTNALL & SONS, PRESCOTT, IOWA

PRIVATE SALE REGISTERED
Spotted Poland Boars and Gilts

Sired by Super-Chief by Dynamite and Broad Ranger by Rocker. A good thick lot of boars. Priced to sell. Will ship anywhere. Wiota phone.

D. MURPHY R. 3, ATLANTIC, IOWA

Livestock News

The tenth Central Iowa Aberdeen Angus sale, at Marshalltown, Iowa, September 16, under the able direction of Clair G. Mason, filled the large sale pavilion with interested cattle men from all sections of Iowa, Wisconsin, Illinois, Minnesota and Indiana. The breeders presented a well bred offering in good, salable condition. The top female was Miss Burgess Bummers, from the John W. Bailey, Jr., herd, and sold for $775 to Roy Ritter, Reasnor, Iowa. Miss Georgetta 6th, a daughter of Elba Marshal Lad 2d, from the Ernest Brenniman & Son herd, sold for $680 to Lester Oliver, Williamsburg, Iowa. Blackcap Martha H. went at $675 to F. L. & C. M. Senter, Maxwell, Iowa. Burgess of Hickory Knoll sold for $630 to Orrie Isenbice, Kellogg, Iowa. The top bull, Juan Lad B., by Elba Marshall Lad 2d, another Brenniman & Son entry, sold for $825 to John M. Kile, West Liberty, Iowa. Ebeorea's Balso, the seven-year-old Harry T. Young herd bull, sold for $700 to Fred Hushak, Clutier, Iowa. Envious Enlow Lad B., a five-year-old from the Harold B. Brown herd, brought $500, and was purchased by Paul Svoboda, of Clutier, Iowa. This was one of the best consignment sales of the breed this season. All went to Iowa buyers but three head, with one each going to Wisconsin, Minnesota and Indiana. The 85 females averaged $320, with 16 bulls at $390 each, and 101 lots sold for $33,115, a general average of $330. Auctioneers Halsey and Mason concluded the sale at 4 p. m.

The Southwest Iowa Shorthorn show and sale, at Red Oak, Iowa, on September 15, drew the largest crowd they have ever had at one of these sales, and they sold 26 bulls at an average of $324 per head, and 41 cows and heifers at an average of $226. They had a nice lot of cattle, and these were all young, with their whole lives before them. The top of the sale was the champion bull, Will-A-Dell Corrector, bred by Will A. Davis & Son, and he went to Jerome Kasperbar, Manning, Iowa, at $470. The next highest bull was Haigler Result, from the V. O. Norigan herd, and he went to Decol Hershey, Bedford, Iowa, at $380. The Ralph Van Pelt bull went to Dan Tierney, Adel, Iowa, at $350. The top female in the sale was Rosewood 5th, from the McCone Bros.' herd, and she went to H. G. Wilcox, Moville, Iowa, at $450. The champion heifer of the show was Victoria Annabelle, consigned by Carol Ann Goldberg, and she went to Frank Mulestrom, Union Star, Mo., at $400. It was a good sale of well-bred young cattle, and everybody was well satisfied. The cattle were passed upon by Malcolm D. Lomas, who was the manager of the sale, with J. E. Halsey as auctioneer.

The Shorthorn dispersion of M. L. Magee, McHenry, Ill., held at Abingdon, Ill., September 13, under the able management of Hal Longley, brought buyers from many states. The herd bull, Son of Mercury, a white five-year-old son of Calrossie Mercury, sold for $1,000 to Lester Morrison, Billings, Mont., who also bought about seven females. Peter the Great, a five-year-old son of Calrossie Prince Peter, sold for $500 to John A. Wiese, Charlotte, Iowa. In females, Victoria 100th sold for $700 to Edellyn Farm, Wilson, Ill. Anoka Victoria sold for $655 to W. C. Anderson & Son, West Liberty, Iowa. The top female was Rosebud of Show Me, at $725, and went to F. Woodrath, Mendota, Ill. Fairwood Rosebud sold for $515 to Fluer Meyer, Plain View, Ind. The 54 lots, including a few cows advanced in years and some open heifers, all sold in just breeding form, brought $20,190, a general average of $374 each. They went to buyers in Iowa, Illinois, Missouri, Indiana and Montana. Auctioneer, J. E. Halsey.

The Warner Polled Hereford sale, San Jose, Ill., September 11, drew a large crowd. The top bull, Beau B. Domino 46th, sold for $1,010 to Kenneth Wyman, Odin, Ill. The top female was Fanny Rupert. She brought $750, and went to W. M. Heidel, Vaughan, Miss. The eight bulls averaged $627, with 46 females at $211.50 each and the 54 lots at a general average of $443.50.

SPOTTED POLAND CHINAS

50 Spotted Poland China Boars and 25 Open Gilts AT PRIVATE SALE

Large, fast maturing boars with lots of quality and thickness. Sired by Super Sides by Midway, Dreamboat by Today's Pattern and Iowa Chain. Farm located northwest edge of Clarion, Iowa.

C. H. MILLER & SON, CLARION, IOWA

Boar and Gilt Sale—October 9th

42 Spotted Poland Boars, 15 Gilts at Public Auction, 3 miles northwest of Fairmont, Thursday afternoon, October 9th. Leading blood lines. Catalog on request.

ARNOLD KRAHMER FAIRMONT, MINN.

YORKSHIRES

YORKSHIRES

BRED GILTS, BOARS AND WEANED PIGS. Iowa's Champion Herd.

OAKVIEW FARM
G. R. BAKER MINGO, IOWA

REGISTERED
PUREBRED YORKSHIRE

Boars, Gilts and Sows with litters for sale.

PORTER & SON ELDRIDGE, IOWA
8 miles north of Davenport

MATURE HOGS QUICKLY and SAVE EXPENSIVE FEED with Bolson's Mineral Protein Conditioner!

SAVES ALSO 30-40 DAYS FEEDING TIME—LABOR—MONEY!

The supplement which gives you more Minerals, Vitamins, Enzymes and added conditioners, goes farther and accomplishes more than any single protein. Ask your reliable feed dealer.

The L.C. BOLSON Co.
A NAME YOU CAN TRUST IN FEEDS!
DECORAH, IOWA.

YORKSHIRES

YORKSHIRE HOGS

"The Lean-meat Post-war Breed"

Bred gilts, pigs, unrelated boars. Illustrated circular.

YALEHURST YORKSHIRE FARM
PEORIA, ILLINOIS

SHEEP

RAMS AND EWES

Registered Suffolks, Hampshires, Corriedales—Rams and Ewes; also Imported rams, ewes; also 1,000 large, young unregistered ewes. Priced reasonable.

EDMOND STONE CHARITON, IOWA

SHEEP—All Breeds

Choice BREEDING EWES . . FEEDER LAMBS . . RAMS. Desirable Quality. Reasonable.

Arnold C. O'Brien Sheep Co.
SOUTH ST. PAUL, MINN.

SHROPSHIRE RAMS

Choice registered yearling RAMS, with size, bone and quality. Priced reasonable. On paved Highway No. 16.

N. K. HARTLEY HILLSBORO, IOWA

OXFORD AND HAMPSHIRE RAMS

Best of breeding. Priced reasonable.

JOHN GRAHAM ELDORA, IOWA

Hampshire & Southdown Rams EXTRA CHOICE

A. S. SMITH COON RAPIDS, IOWA

SUFFOLK RAMS AND EWES

Registered rams and ewes, good type and quality. Reasonable.

JOHN H. CARSTENS BREDA, IOWA

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40 SHROPSHIRE RAMS

Purebred yearling rams. They have type, quality and size. Flock headed by 5 prize-winning rams, from best Midwest breeders. Also a few good ewes.

H. E. HAZEN DENMARK, IOWA

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50 PUREBRED
SHROPSHIRE EWES

Leading blood lines. Will sell part or all. Also some extra good yearling rams. Will ship on approval.

H. P. QUECK & SONS ORIENT, IOWA

DOGS

Dogs of the Hunting Breeds

Coon, Opossum, Mink, Squirrel, Fox, Rabbit dogs. Ten days' trial. Write for full information and literature. Prices reasonable.

J. N. RYAN KENNEL MURRAY, KY.

Shomont Collies

Workers—Companions—Guards. Write for free lists.

SHOMONT FARMS AND KENNELS
MONTICELLO, IOWA

GENUINE ENGLISH SHEPHERD PUPS

(Heelers, no fooling.) (Year's trial.) Guaranteed. Training instructions. Males, females, spayed females specialty. (Several partly trained.)

EMIL RUMFT
Reinbeck, Iowa

WANTED TO BUY

Good English Shepherd or Collie Pups
Write Box 1, Wallaces' Farmer and Iowa Homestead

GENUINE ENGLISH SHEPHERD PUPS

Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.

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BEST YET
ENGLISH SHEPHERD PUPS

Guaranteed to bring home the cows. Year's trial. Choice of sex. Spayed females a specialty. Priced right.

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SHEPHERDS, COLLIES

ENGLISH SHEPHERD OR COLLIE PUPS for watch and stock. Also registered Scotch collies. Reasonable.

ZIMMERMAN KENNELS FLANAGAN, ILL.

HUNTING HOUNDS

Straight Cooners, Combination Hunters, Foxhounds, Beagles, Blueticks, Redbones, Blacktans. Reasonable. Trial. FREE LIST.

ECHO VALLEY KENNELS Herrick, Illinois

PUREBRED
Border Collies, English Shepherds

America's most useful dogs. Puppies all ages. Both sexes. Choice colors. Faithful workers. Satisfaction guaranteed. We breed and sell our own stock.

FAIRMOUNT FARMS, - CEDAR FALLS, IOWA

POLICE AND SHEPHERD CROSSBRED PUPS

$8.00 and $15.00

Two good female Rat Terriers $15.00.

ERWIN POPP R. R. 1, WALNUT, IOWA

MINKS
Dark Yukon and Black-Cross

Males and Females $25.00
Proven Males $50.00

CLARKS MINK FARM, PROMISE CITY, IOWA

Clarke County Hereford Association

Second Annual Commercial Hereford Sale

To be held at Osceola Sale Barn

OSCEOLA, IOWA

SATURDAY, OCTOBER 18th

500 HEAD CATTLE

Including some nice cows, bulls, yearling steers and heifers, a nice lot of good feeder calves. Also some registered heifer calves. Some of these calves would be good 4-H Club prospects. For further information write or see Sale Manager.

WAYNE O. BURCHETT, Secy.-Treas.
Clarke County Hereford Assn.
GRAND RIVER - - - IOWA
Auctioneer, Henry G. Baier, Greenfield, Iowa

---

500 FEEDER CALVES

2nd Annual

HOWARD COUNTY FEEDER CALF SALE

Fayette, Mo., Friday, Oct. 10th

1:30 P. M.

500 or more calves and yearlings for sale. These cattle come from some of the best Angus and Hereford herds in Howard County and will be graded and sorted into lots of 10 and 20 to make buying easier for you. For further particulars write, wire or call

Howard Co. Extension Agent
Fayette, Mo.

WISCONSIN HEREFORD

BREEDERS SALE

In University Livestock Pavilion

MADISON, WISCONSIN
OCTOBER 25th

This sale series has consistently been noted for its buying opportunities. You will again obtain more quality for your money than at any other sale point of the season. Representing the BEST in Wisconsin's good Herefords. GRAND COWS, CHOICE HEIFERS, HERD BULLS. If interested in real QUALITY foundation animals for development of future PROFITABLE herds, you can attend this sale and BUY WITH CONFIDENCE. For FREE catalog write

HOMER GRABER, Secy.
MINERAL POINT - - WISCONSIN
M. W. Boney, Fieldman

MINNESOTA STATE
Ayrshire Sale

At Fair Grounds

AUSTIN, MINN., OCTOBER 11th

78 registered cattle selected from the best herds, good type and quality and rich in breeding. All T.B. and Bangs tested. Plan to attend. Ask for FREE catalog. Please mention this publication. Address

HOWARD ANGELL AUSTIN, MINN.

SPOTTED POLAND SALE

In sale barn on farm

OCTOBER 21st

The best we have ever sold. All well-grown with size and quality and sired by HANSOME HAM, TRIGGER and LADDIE BOY. Best in breeding. Ask for FREE catalog.

BEN C. FITZER LUVERNE, MINN.

ILLINOIS-WISCONSIN
BREEDER'S CONSIGNMENT SALE
RED POLL CATTLE

NORMAL, ILLINOIS, OCTOBER 17th

60 high quality cattle. 40 cows, bred and open heifers, 20 herd-heading bulls. All cattle hand-picked from best herd of the two states. Ask for FREE catalog. Please mention this publication.

J. O. CARR, Chairman, YORKVILLE, ILLINOIS

—Our Ads Are News—

7th ANNUAL STATE

Iowa Polled Shorthorn

Red Oak Standard X, top August yearling bull consigned by R. E. Phillips

SHOW—9:30 A. M.
SALE—1:00 P. M.
At Iowa State Fair Grounds

Des Moines
Monday, Oct. 13

73 HEAD
25 Top Quality Bulls
48 Well-bred Females

This is without doubt the best offering ever presented by the Iowa breeders. They have been drawn from good herds. Individuals that will satisfy, rich in pedigree and pleasing in type and quality. The 25 bulls are ready for service, 15 reds, 8 roans and 1 white. Bulls that can head top herds, fine individuals with breeding back of them and desirable colors. Herd bull material. The 48 females include 12 cows and two-year-old heifers . . . there are 20 bred females . . . many with calves at side and 28 attractive open heifers. The consignors are:

	Bulls	Females		Bulls	Females
Albin J. Nelson, Eagle Grove	0	2	L. C. Bolson, Decorah	1	1
R. W. O'Dean, Elden	1	0	J. W. Bael, Maxwell	0	2
Oscar L. Olson, Albert City	1	1	Frank Dempster, Arlington	1	1
R. E. Phillips, Red Oak	1	1	Falcon & Scott, Rowley	1	0
Kenneth Pierce, Anita	0	3	R. L. Flamme, Gladbrook	1	5
Geo. E. Smith, Oskaloosa	1	2	Frank Fowlie, Lake City	1	5
John Vanden Berg, Pleasantville	1	3	Girton & Fennern, Vinton	1	1
Alvin A. Wimer, New Sharon	1	1	S. B. Hudson & Son, Knoxville	1	0
Chas. Whipple, Batavia	1	0	Jeck & Nilges, Atlantic	1	3
Geo. H. White, Malvern	1	0	A. G. Kester & Son, Coggon	2	0
Glen Yoakam & Son, Keswick	1	3	E. P. Laughlin, Imogene	1	2
Wayne Yoakam & Son, Webster	0	2	MacManus Farms, Keokuk	0	3
Kaehler Bros., St. Charles, Minn.	1	1	V. I. Marshall, Adel	1	0
Morris Bros., Aledo, Illinois	1	2	Irving Maulsby, Rockwell City	1	3

The most uniform offering ever offered by this **Club**. They include winners at Iowa State Fair, such as 3rd Junior yearling; 1st and 4th Summer yearlings; and 3rd Senior bull calf with others of like merit. Sires represented include Red Oak Sensation, Ahana Lord Coltynia, Cloverdale Claytons, Rodney's Stamp, Red Oak Champion 2d, Village Type, Lord Count, Bishop of Ridgevale, Misty Vale Commander, Coronet Inspiration, Shady Oak Lad, Coronet Memory, Constellation Command, Cloverdale Symbol, Rosewood Collbnie, Red Oak Sentry, Cloverdale Nugget, Red Oak Goldspur Jr., LaPaulina's Supreme, King of the Vanities 2d . . . breeding unsurpassed. You will find herd bull prospects . . . quick profit females . . . heifers suitable to mate to top herd sires. Plan to attend. Ask for **FREE** catalog, which is well illustrated. Please mention this publication when writing. Address

Goldspur Champion X, 1st summer yearling bull at Iowa State Fair. Owned by Geo. E. Smith, Oskaloosa

EARL S. GIRTON, Secy., Box 292, MARSHALLTOWN, IOWA
IOWA POLLED SHORTHORN CLUB, INC.
AUCTIONEER: J. E. HALSEY

ROBINSON-MAURER

SHORTHORN SALE

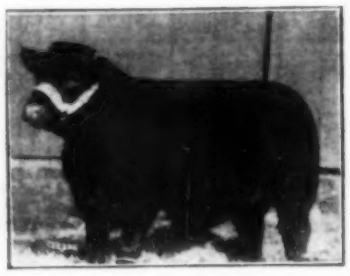
At Robinson Farm, on all-weather road, located 50 miles west of Dubuque, 50 miles east of Waterloo, 30 miles north of Cedar Rapids on Highway No. 13, to Ryan and 5 west or 7 south of Manchester and 5 west and 7½ south of

Masonville, Iowa, Friday, Oct. 17

52 Head

12 CHOICE YOUNG BULLS
40 WELL-BRED FEMALES
14 CALVES GO FREE WITH DAMS

GOLDFINDER'S SULTAN, a son of Supreme Goldfinder, out of dam by son of Scottish Admiral. His progeny will please.



JOFFRE GLOSTER 10th, one of the thickest, shortest-legged and most compact bulls. You will like his get.

The **Robinson** herd was established at **SILVER VALE FARM** in 1907, with 40 years of constructive breeding. They offer 27 head, 7 splendid yearling bulls by **GOLDFINDER'S SULTAN**, bulls pleasing in type and quality. The 20 females a most desirable lot, many are daughters of **HELFRED CALEDONIA**, a son of Brae Lodge Headlight. Eight cows with calves at side and rebred to **GOLDFINDER'S SULTAN**, the sire of top heifer 1946 Iowa State sale. Four fine bred heifers and 8 attractive open heifers by him. The families are **AUGUSTA, ROSEWOOD, ROSEBUD, CLARA, MINA, ROSEMARY, NONPAREIL, URY ROSE** and **MARY ANN OF LANCASTER.** Good blood lines.

M. R. MAURER & SONS, 25 head, 5 good, rugged thick-fleshed bulls by **JOFFRE GLOSTER 10th.** There are 6 excellent breeding cows with big fine calves at foot by him and 4 bred cows and heifers. Several are sired by **BROWNDALE STAMP**, a half brother to the International Grand Champion, **SUNRAY.** Ten beautiful open heifers, by **JOFFRE GLOSTER 10th.** The families include **MISSIE, LAVENDER, MARIGOLD, ROAN LADY, MINA,** and **VICTORIA.** Nothing finer in breeding.

You buy cattle more reasonably here than any section of the country. **BARGAINS ARE IN STORE. COME!** Ask for the **FREE** catalog. Please mention this publication. Address either

L. & A. T. ROBINSON
Masonville, Iowa

M. R. MAURER & SONS
Manchester, Iowa

Auctioneer, J. E. Halsey

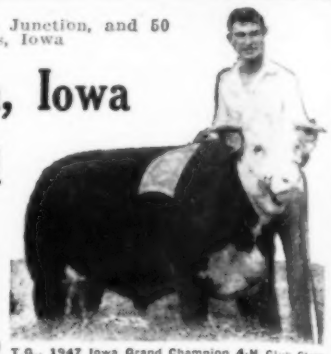
Murray's Hereford Sale

Farm, 3½ miles northeast of Oxford Junction, and 50 miles east of Cedar Rapids, Iowa

Oxford Junction, Iowa
Saturday, Oct. 11

40 Head

3 BULLS — 30 CALVES
7 COWS
30 HIGH CLASS 4-H CLUB AND BREEDING PROSPECTS

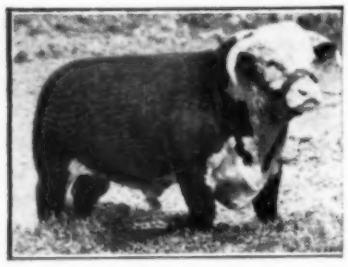


T.G., 1947 Iowa Grand Champion 4-H Club Steer shown by Weldon Towe. At 15 months old he weighed 972 lbs. and sold for $1.50 per pound, a new record at Iowa. He was bred by us and sired by **MISCHIEF STANWAY 245th.**

A grand lot of Registered Hereford cattle which include 30 extra choice 1947 calves, both bulls and females, sired by **MISCHIEF STANWAY 245th,** the sire of the Iowa Grand champion (illustrated here) and **WHR COMPACT SETH,** the sire of the 1st prize steer at Iowa shown by Willis Glenn. A few of the Dams will sell because a few of the calves are too young to wean. The 3 bulls are yearlings ready for service and by the same sires. All calves are creep-fed and ready to start to work for you. You can purchase the blood of winners and Champions here. Plan to come. Ask for **FREE** catalog. Please mention this publication. Address

T. G. MURRAY, OXFORD JUNCTION, IOWA

QUALITY HEREFORD SALE



SILVER KNIGHT 7th by the International Grand Champion Real Silver Domino 32d. Note great head, smoothness and modern type. Many females mated to him.

Sale at farm 20 miles south of Dubuque on Highway No. 61 and 5 miles south of Zwingle to oil station and 1 mile east, only 13 miles north of Maquoketa on Highway No. 61 and 1 mile east.

LA MOTTE, IOWA,
FRI., OCTOBER 17th

68 HEAD—9 Bulls from 8 to 20 months old—43 richly-bred females—15 calves go free with dams.

Here is an excellent lot of cattle, selling in good thrifty breeding condition. The bulls are most all ready for service and by **PRINCE MIXER RETURN** and **JAY STANWAY.** Real good herd bull prospects. A grand lot of heifers by the same sires and mated to **SILVER KNIGHT 7th** (illustrated here), a son of the International Grand Champion Real Silver Domino 32nd. Many beautiful young breeding matrons with big lusty calves at foot, sired by PRINCE MIXER RETURN and rebred to **SILVER KNIGHT 7th.** The cows are sired by great sires. Included in the offering will be 13 well-bred cattle owned by **C. J. STOKESBERRY,** a neighbor who has some very fine cattle. Plan to attend. Ask for **FREE** catalog. Please mention this publication. Address

LE ROY MARCUS, LA MOTTE, IOWA
Auctioneer, Guy Pettitt Maurice W. Boney, Fieldman

Advertisement

From where I sit ... *by* Joe Marsh

And That Ain't Hay —Or Is It?

I guess just about all of us secretly hanker, from time to time, for the good old days and the good old-fashioned pleasures. Leastways, Buddy Richards done a thriving business reviving the old-time hayride.

All the equipment he needed for this was a team of horses, and a stout straw-bedded rack. Buddy now takes as many as thirty adults —at fifty cents a head!

Two or three times a week they start from Town Hall, and go out along the river; stop for a friendly glass of beer at Shoreside Tavern; and come home by way of Pound Ridge . . . nine miles in all.

Not very exciting, you might say. But from where I sit it's not excitement that we need these days—but those simple country pleasures that are part and parcel of America—the old-fashioned hayride, with its song and jollity; the horseshoe games; the friendly glass of beer; and the good companionship that they engender.

Joe Marsh

Copyright, 1947, United States Brewers Foundation

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

THE CALENDAR SAYS another summer has passed, and with the official beginning of the Fall season there will be scores of activities on tap. We're entering the time of the year when farm organizations hold social and educational gatherings, adult evening schools, 4-H meetings and the like. There'll be programs of interest to the entire family, and along with the sociability will be an opportunity to brush up on new ideas and agricultural developments.

THERE WON'T BE AS MUCH corn hitting the bang-boards, but the danger around mechanical pickers will be as great as ever. Machinery causes one-fourth of all occupational mishaps around the farm, but that doesn't mean cold steel is to blame. Carelessness causes more accidents than defective equipment. No tractor-picker should be allowed in a field until checked for safe operation, and no operator should run it until he is versed in safety principles.

BECAUSE EVERY Iowa farmer planted hybrid corn, this year's short crop is at least 25 per cent greater than it might have been if we had continued with open pollinated varieties. By wholesale adoption of this proven production practice a real calamity has been averted. Perhaps the writing on the wall indicates farmers might well follow a similar pattern in efficient livestock production. Improvement can be achieved in breeding, feeding and management.

LIVESTOCK MUST BE FED regardless of the outcome of the corn crop. If feed is short, there's no better time to add a good mineral to the ration, because such a program conserves grain. The Soldier Feed Store, at Soldier, Iowa, promotes such a feed conservation program in Monona county. Among the many Walnut Grove users there, we find Wallace Hanson, Carl Dahl, Bus Reedy, Ed Tollefson, Roy Savory, Melvin Olson, Creel Flynn and Marvin Mesenbrink.

THANKSGIVING is sneaking up close enough for us to take inventory of the cranberry and turkey situation for the holiday feast. Turkey growers have cut down on production by about 20 per cent this year, but don't get too discouraged about prospects for a bird in the hand. There are some two and one-half million "gobblers" to choose from in Iowa alone. We rank fourth in total turkey production. California, Texas and Minnesota head the list.

GIVE CREDIT WHERE CREDIT is due is the attitude of all fair-minded folks. We like to brag a little about our Iowa farm folks in their achievement, but we are quick to acknowledge the superiority of others when they have it coming. So, when you are munching an apple this fall, think about the growers who specialize in this industry. Out of every 100 apples, 16 are grown in the state of Washington, where farmers have their best crop in a quarter century.

MERCHANDISE QUALITY is generally well established by the folks who use it. Patrons advise their neighbors, which is one reason for the widespread popularity of Walnut Grove minerals. Our salesman in Boone county, Iowa, R. G. Chingren, reports many satisfied customers. On his lists are well known farmers like D. W. Kuhl, Howard Junck, Wilmer Larson, Harry Honsfeldt, Calvin Davis, Arnold Heldt and Leslie Siglin.

FIRE PREVENTION WEEK will emphasize elimination of fire hazards over a seven-day period, and then we'll likely forget about it. Actually, every week should be fire prevention week. After all, nothing is more discouraging than seeing a building needlessly go up in smoke. The schools will do a good job in carrying the program home, but they need neighborhood support and cooperation. By helping them, we're helping ourselves.

THERE'S BEEN TALK about the need to return part of our farmland to grass and timber as a means of conserving our natural resources. However, one Iowa congressman believes we'll lower our standard of living unless we increase productive cropland. He asserts we now have less than three acres tillable for every citizen. With population on the increase, the ratio will be lessened considerably within ten years.

THE RATIO OF FARM income, compared with the national total, has made a steady advance during the past decade. However, strange as it seems, the best farming states aren't all at the top of the list for farm income proportion. North Dakota leads the nation by netting 47 per cent of total income from the farm. Iowa is in third place with 37 per cent. On a national plane, farming returns less than ten per cent of the gross from all sources.

STATISTICIANS generally concede that livestock prices will remain high for some time to come. Feed prices will be high, also. However, the farmer who balances his livestock rations with a good, complete mineral like Walnut Grove, not only saves on grain, but insures more healthy animals. Neal Schalekamp, of Orange City, Iowa, is carrying this message to customers like Ed Sorgdrager, Wm. Van Gelder, Frank and Clarence Muesel, Dick Klompenburg and Marvin Van Der Wel.

FARMERS WHO EXPECT to raise March first litters next spring probably have separated their gilts from the fattening herd. You can bet, too, that the fellow who marked his litters and kept some sort of a record will be able to make his selections on a sounder basis than the man who does the job hit and miss. Gilts that are going into the breeding herd do best on a separate ration. Less corn, but more oats, protein and mineral, gives best results.

HALF THE QUALITY of the pig crop can be traced to the sire. Yet many farmers are more particular about the brand of smoking tobacco they buy than they are in herd sire selection. That's a harsh statement to make, but if more boars came from big, thrifty litters, and if they exhibited better carcass characteristics, we'd be able to put a superior product on the market. Improved feeding can help correct breeding faults, but not entirely.

MANY 4-H BOYS AND GIRLS have spoken favorably about the Walnut Grove ground feed plan. But the nice thing about Walnut Grove is the fact it is economical in any ration. Customers in Chickasaw county, Iowa, who find Walnut Grove fits well into their system of feeding include men like James Estervitz, Wm. Gray and Son, Merle Rochford, Albert Diderich, Irvin Weigel, Byrne Franke and Gale Hoffman. Harry McConkey, of New Hampton, is our representative.

AN EXPANDED MARKET for dairy products is springing up in the southern part of the United States. Such an outlet for milk and milk products should help stimulate growth of the dairy industry in Iowa. We have the land, the feed and the nucleus for better herds. Quality production has improved by leaps and bounds, and as quality improves demands certainly should follow. There's always a demand for a good product.

SKIMMILK CASEIN is now being used to manufacture a fiber which in turn can be processed into a textile fabric. Corn cobs and rice hulls, processed correctly, are turned into a compound valuable as a cleaning agent for motors and machine parts. Animal fibers are being used to make bedding, clothing and brushes. And, before you know it, somebody is going to knock into a cocked hat the packers' slogan that everything is used except a pig's squeal.

Coming Livestock Sales

ABERDEEN ANGUS

Oct. 6—Nodaway County Angus Breeders Assn., Maryville, Mo.; F. B. Houghton, Secy.
Oct. 7—Botna Valley and Shelby County Assn., at South Omaha, Neb.; E. J. Baker, Mgr., Exira, Iowa.
Oct. 15—Interstate Aberdeen Angus Assn., Sioux City, Iowa; P. K. Pratt, Secy., Walnut, Iowa.
Nov. 13—Cecil Shawver Estate, Dispersion, Knoxville, Iowa; Herb Cline, Mgr., Bussey, Iowa.
Dec. 8—Meek Ranch, Milton, Iowa; H. Ward Benson, Owner.

HEREFORDS

Oct. 11—T. G. Murray, Oxford Junction, Iowa.
Oct. 14—Ira Reed, Orient, Iowa, and T. M. Hayden, Creston, Iowa; sale at Orient, Iowa; T. M. Hayden, Mgr., Creston, Iowa.
Oct. 17—Leroy Marcus, Lamotte, Iowa.
Oct. 18—Southeast Iowa Breeders Assn., Mount Pleasant, Iowa; Mervin L. Zeller, Sale Mgr., Parkwood, Iowa.
Oct. 18—Clarke County Assn., Osceola, Iowa; Sale Mgr., Wayne O. Burchett, Grand River, Iowa.
Oct. 25—Wisconsin Hereford Breeders, Madison, Wis.; Homer Graber, Secy., Mineral Point, Wis.
Oct. 27—Mid-Iowa Hereford Assn., Marshalltown, Iowa; Mrs. Harold J. Peterson, Secy., Liscomb, Iowa.
Oct. 28—Cedar Valley Hereford Sale, Cedar Rapids.
Nov. 24—A. J. Minish & Sons, Dysart, Iowa.
Nov. 15—Marion County Breeders, Knoxville, Iowa. Walter Brown, Mgr.
Dec. 3—Creston Breeders Hereford Sale, Creston, Iowa; Floyd H. Woods, Secy., Creston, Iowa.
Jan. 5-6—Iowa Breeders Assn. Show and Sale, Sioux City, Iowa; F. W. Ketelsen, Secy., Everly, Iowa.

POLLED HEREFORDS

Dec. 12-13—Minnesota State Sale, So. St. Paul, Minn.; Lew Larson, Pres., Mabel, Minn.
Dec. 19-20—Iowa Polled Hereford Assn. Show and Sale, Des Moines, Iowa; Leigh Curren, Sale Mgr., Mason City, Iowa.

SHORTHORNS

Oct. 6—Northwest Missouri Breeders, Rockport, Mo.; James Meyer, Mgr., Maryville, Mo.
Oct. 8—Penningroth Bros., Wellman, Iowa; Carlton Reed, Bellevue, Iowa, and Gilbert Kardel, Walcott, Iowa.
Oct. 10—G. Marco & Sons, Dispersal, LaCrosse, Wis.; Thorp Finance Corp., Thorp, Wis., Sale Mgr.
Oct. 17—M. R. Maurer & Sons, Manchester, Iowa, and L. & A. T. Robinson, Masonville, Iowa.
Oct. 25—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 29—Wisconsin State Sale, Dodgeville, Wis.
Nov. 1—South-Central Iowa Breeders 4-H Club and Breeding Cattle, Knoxville, Iowa; Walter Brown, Mgr.
Nov. 3—H. J. Pankratz, Mountain Lake, Minn. (Dispersion); Merv. F. Aegerter, Sale Mgr., Seward, Neb.
Jan.—Merv F. Aegerter, Sale Mgr., Seward.
Nov. 29—Curtiss Candy Co. and Marellbar Farms, Libertyville, Ill.

MILKING SHORTHORNS

Oct. 9—John F. Gibbons & Sons, Brighton, Ill.
Oct. 15—Minnesota State Sale, Owatonna, Minn.; E. F. Hodgson, Secy., Waseca, Minn.
Oct. 17—Iowa State Sale, Des Moines, Iowa; Harry Cumpitt, Mgr., New Providence, Iowa.
Oct. 30—Omaha, Neb. Annual Fall Breeders Show and Sale; H. C. McKelvie, Sale Mgr., Stockyards Station, Omaha, Neb.

POLLED SHORTHORNS

Oct. 7—Sioux Empire Sale, Sioux Falls, S. D.; John F. White, Mgr., Canton, S. D.
Oct. 13—Iowa Polled Shorthorn Club, Des Moines, Iowa; Earl S. Girton, Mgr., Marshalltown, Iowa.
Oct. 23—M. F. Boyle, Granville, Ill.; at Henry, Ill.; Hal Longley, Mgr.
Oct. 27—Missouri State Sale, Sedalia, Mo.; E. J. F. Early, Secy., Lexington, Mo.

DAIRY CATTLE

Oct. 6—Special Dairy Sale, Waverly, Iowa; Claude E. Wylam, Sale Mgr.
Oct. 8—Southeastern Iowa Holstein Breeders Annual Sale, Wellman, Iowa; Claude E. Wylam, Mgr., Waverly, Iowa.
Oct. 8—Klinkenborg Bros., Holsteins, George, Iowa.
Oct. 9—Iowa Ayrshire Breeders, Waterloo, Iowa; Richard Sears, Mgr., Grinnell, Iowa.
Oct. 11—Sand Cliff Jersey Dispersion; Frederick J. Furlow, Owner, Rochester, Minn.; Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Oct. 11—Minnesota State Ayrshire Sale, Austin, Minn.
Oct. 11—North Iowa Guernsey Breeders, Mason City, Iowa.
Oct. 14—Iowa State Holstein Sales, Waterloo, Iowa; Dallas McGinnis, Secy., 912 Waterloo Bldg., Waterloo, Iowa.
Oct. 14—Rohwill Jersey Farm Dispersal; W. S. Benson, Iowa City, Iowa; Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Oct. 16—Barr Keshlear Jersey Dispersal and K. I. I. Sale, Shenandoah, Iowa; Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Oct. 17—Paul A. Schilling Holstein Dispersal; G. E. Hahn, Minneapolis, Minn., Sale Mgr.
Oct. 28—Omaha, Neb., Special Sale; H. C. McKelvie, Sale Mgr.
Oct. 29—Mountain & Squire (Guernseys), West Des Moines, Iowa.
Oct. 29—High Grade Holstein, Guernsey, Brown Swiss and Milking Shorthorns, Omaha, Neb.; H. C. McKelvie, Mgr., Stockyards Station.
Oct. 29—M. H. Petersen (Holstein Dispersal), Ringsted, Iowa; Claude E. Wylam, Sale Mgr., Waverly, Iowa.
Nov. 17—Guernsey Breeders Show and Sale, Omaha, Neb.; H. C. McKelvie, Sale Mgr., Stockyards Station, Omaha, Neb.
Nov. 25—"The Mid-Westerner" Holstein Show and Sale, Omaha, Neb.; Claude E. Wylam, Mgr., Waverly, Iowa.
Dec. 6—Second Annual Parade of Bulls Show and Sale (Holsteins), Waterloo, Iowa; Claude E. Wylam, Sale Mgr., Waverly, Iowa.

FEEDER CALVES

Oct. 6-7-8—Don C. Pollock, Unionville, Mo.
Oct. 9—D. D. Johnson, Bethany, Mo.
Oct. 10—Howard County Feeder Calf Assn., Fayette, Mo.; Howard County Extension Agent, Fayette, Mo.

RED POLLED CATTLE

Oct. 17—Illinois-Wisconsin Breeders, Normal, Ill.; Carr, Chairman, Yorkville, Ill.

CHESTER WHITES

Oct. 7—Henry Jurgensen, Olin, Iowa.
Oct. 8—C. T. Keen & Sons, Legrand, Iowa.
Oct. 8—(Night Sale) Robt. Lanigan, Fairbank, Iowa.
Oct. 9—J. R. Sorensen and Dale Danneman, Center Junction, Iowa.

DUROC JERSEYS

Oct. 6—Judd Bros., Luverne, Minn.
—Ben Irino, Corydon, Iowa.
—Iowa Falls Assn., Iowa Falls, Iowa.
—W. H. Helmke & Sons, Renwick, Iowa.
—Night Sale, Carl Hebner, Jefferson, Iowa.
—Bert Brock & Sons, Sioux Center, Iowa.
—Willard Klein, Iowa Falls, Iowa.
—Iowa Falls Assn., Iowa Falls, Iowa.

HAMPSHIRES

Oct. 7—O. W. Jones & Son, Ute, Iowa.
—(Night Sale) Frank Wasko, Mallard, Ia.
—(Night Sale) Lettow Bros., Alden, Iowa.
—(Night Sale) Frantz Bros., Grand Junction, Iowa.
—(Night Sale) E. R. Brenneman, Win-, Iowa.

LIVESTOCK FIELDMEN

WHITE, 604 No. Fortieth St., Omaha, Nebraska, Phone Walnut 1056.
HALSEY, 1912 Grand Ave., Des Moines.
BONEY, Box 311, Spencer, Iowa.

We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Coming Livestock Sales

(Continued)

HAMPSHIRES

Oct. 20—Matt Locatis & Sons, Fort Dodge, Iowa.
Oct. 20—(Night Sale) Robin Lane Farm, Hampton, Iowa.
Oct. 21—Night Sale; Fred H. Michaelson, Ida Grove, Iowa.
Oct. 24—(Night Sale)—Linlithgow Farm, Dave Livingston, Mgr., Washington, Iowa.
Oct. 24—Orben Schoff, Lost Nation, Iowa.

HEREFORD HOGS

Oct. 9—Monroe Yoder, Kalona, Iowa.
Oct. 10—Iowa State Breeders, Colfax, Iowa; Harris Sellers, Jr., Mgr., Chariton, Iowa.
Oct. 11—Sellers Bros., Chariton, Iowa.
Oct. 11—Blanchard & Sellers, Chariton, Iowa.

POLAND CHINAS

Oct. 6—Helgens Bros., Monticello, Iowa.
Oct. 8—C. W. Crees, Bayard, Iowa.
Oct. 8—Emmert Farm, Mason City, Iowa.
Oct. 8—(Night Sale) Brown & Brown, Hampton, Iowa.
Oct. 13—L. R. McClarnon, Braddyville, Iowa.
Oct. 14—J. H. Aultfather & Son, Austin, Minn.
Oct. 14—Edw. F. Forest, Mt. Vernon, Iowa.
Oct. 27—(Night Sale) Louis H. Reilly, Lone Rock, Iowa; sale at Algona, Iowa.

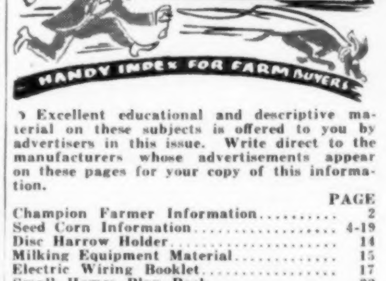
SPOTTED POLAND CHINAS

Oct. 7—(Night Sale) Albert Klocke, Manning, Iowa.
Oct. 7—F. C. Morris & Sons, Winterset, Iowa.
Oct. 8—A. Lopau, Pipestone, Minn.
Oct. 9—Harvey C. Larsen, Elkhorn, Iowa; sale at Harlan, Iowa.
Oct. 9—Arnold Krahmer, Fairmont, Minn.
Oct. 9—(Night Sale) Boone County Breeders Assn., Boone, Iowa; F. L. Mackey, Secy.
Oct. 10—(Night Sale) Fred F. Goodchild & Sons, Mallard, Iowa.
Oct. 10—Karl E. Carlson, Lakefield, Minn.; sale at Spencer, Iowa.
Oct. 11—Albert Kremer, Lake Lillian, Minn.
Oct. 13—E. R. Pallesen & Son, Fulda, Minn.
Oct. 14—(Night Sale) Jack Zimmerman, Earling, Iowa.
Oct. 15—A. J. Anderson & Sons, Kellogg, Iowa.
Oct. 17—(Night Sale) Luther Goldberg, Essex, Iowa; sale at Shenandoah, Iowa.
Oct. 17—Julius F. Roths, Rock Rapids, Iowa.
Oct. 18—(Night Sale) Lyle Stoaks, Conway, Iowa.
Oct. 20—(Night Sale at Shenandoah, Iowa) A. C. Fichter, Randolph, Iowa.
Oct. 21—Ben C. Fitzer, Luverne, Minn.
Oct. 21—(Night Sale) F. L. Jackson & Sons, Lytton, Iowa.
Oct. 22—Alvin Sunderman, Clarinda, Iowa.
Oct. 24—Norris Voge, Neola, Iowa; sale at Harlan, Iowa.
Oct. 24—(Night Sale) Clifford Pitstick, Jolley, Iowa; sale at Sac City, Iowa.
Oct. 31—(Night Sale) T. E. Lawrence, Portsmouth, Iowa.
Nov. 1—T. E. Lawrence, Portsmouth, Iowa; sale at Harlan, Iowa.
Nov. 3—Harry Mumm, Griswold, Iowa.

Livestock News

On September 16, G. H. Holbrook and Charlie Miller and the Turners held one of the best Hereford sales that has been made at Corning, Iowa, in a long time. They sold six yearling bulls at an average of $335 each, the top being No. 1, and he went to Perry Brown, Union Star, Mo., at $496. Two bull calves sold at an average of $142 per head, right off their dams. Then they sold 42 cows at an average of $276 per head. These boys had a nice offering of cattle, and we think they made a splendid sale. The top cow was Irene Domino 2d, and she sold to A. D. Mosberger, Grant City, Mo., at $510, and her half-sister brought $505. There was a good demand for their cattle in this sale, and they were well pleased with the outcome. Col. Freddie Chandler did the selling.

The Interstate Shorthorn Breeders Association show and sale will be held at Sioux City, Iowa, March 8 and 9. It has been one of the best sales of the year. If you plan to consign, please write to F. E. Jackson, secretary, Hurley, S. D., not later than November 1.



Excellent educational and descriptive material on these subjects is offered to you by advertisers in this issue. Write direct to the manufacturers whose advertisements appear on these pages for your copy of this information.

	PAGE
Champion Farmer Information	2
Seed Corn Information	4-19
Disc Harrow Holder	14
Milking Equipment Material	15
Electric Wiring Booklet	17
Small Homes Plan Book	22
Cattle Pests Information	26
Farm Improvements Booklets	28
Pork Profits Information	30-31
Watertank De-Icer Literature	31
Tractor Parts Catalog	31
Roughage Mill Information	31-50-52
Grinding Chart	32
Farm Equipment Information	32-33-36
Farm Trucks	33
Corn Dryer Information	34-48
Phosphate Rock Information	35
Wagon Box Circular	35
Shoe Catalog	36
Tractor Saw Bulletin	36
Bulldozer and Snowplow Literature	37
Crib Plans	37
Special Knife Offer	43
Music Print and Picture Sample	44
Cleaning Separators and Milking Machines Article	44
Special Saucepan Offer	45
Quilt Instructions and Pattern Book	45
Poultry Medical Booklet	46
Ranch Information	46
Building Information	47
Egg Profits Booklet	47
Body and Hoist Folder	48
Medical Booklet	48-50
Cleaner Plowing Booklet	49
Loader Literature	49
Tractor Seat Literature	49
Livestock Waterer Literature	50
Buzz Master Details	50
Portable Elevator Literature	51
Farm Catalog	51
Egg Record Chart	51
Wagon Dumper Information	52
Poultry Health Guide	53
Hereford Booklet	59
Mineral Compound Feeding Information	64

SAVE MONEY
SAVE CORN

BALANCE

Occo LIVESTOCK AND POULTRY RATIONS WITH MINERAL COMPOUND

There's one thing certain. Lowered production of corn this year makes the saving of this grain an absolute necessity on most farms. Occo Mineral Compound will help you make this important saving.

Occo accomplishes this saving because it contains essential minerals that aid your animals in attaining a high conversion of the corn and other grain they eat. More of these feeds go to building fast, thrifty gains ... to increasing the production of milk or eggs. Less is undigested; consequently, less is wasted.

With the winter feeding season coming on, surely now is the time to plan feeding programs that will help you stretch your corn and grain supplies. Let your Occo Service Man show you how this can be accomplished by the use of Occo Mineral Compound. Call him to your farm for a talk. Or if you prefer, write us direct for this information.

LOOK FOR THE OCCO SIGN ON YOUR OCCO SERVICE MAN'S CAR

Tune In

Occo Newstime, WMT, Cedar Rapids, 7-7:15 a.m., Mon-Wed-Fri; WNAX, Yankton, 7-7:15 a.m., Tues-Thurs-Sat; WHO **Occo Farm News**, Des Moines, 12-12:15 p.m., Tues-Thurs. Also **Occo Service Man's "Breakfast Call,"** (with Rex Allen), WLS, Chicago, 7:15-7:30 a.m., Mon-Wed-Fri.

ADD Occo MINERAL COMPOUND TO LIVESTOCK AND POULTRY RATIONS

OELWEIN CHEMICAL COMPANY

OELWEIN, IOWA